CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Oct. 31	Dallas, Tex.	Oct. 13
Oct. 31	Taylor, Wis.	Oct. 27
Oct. 31	Detroit, Mich.	Oct. 20
Nov. 1	River Rouge, Mich. Adv. Oct. 20 and 27.	Oct. 20
Nov. 4	Cleveland, O.	
Nov. 7	Idlewood (Warrensville P. O.), O.	Oct. 27
Nov. 7	Perrysburg, N. Y.	Oct. 20
Nov. 10	New York Adv. Oct. 6 to 27.	Oct. 27 Oct. 6
Nov. 10	New Braunfels, Tex.	
Nov. 14	Syracuse, N. Y.	Oct. 13

SEWERS

Oct. 31	Akron, O.	
Nov. 1	East Moline, Ill.	Oct. 27
Nov. 1	De Kalb, Ill.	Oct. 27
Nov. 2	Monroe, La. Adv. Oct. 20 and 27.	Oct. 27 Oct. 20
Nov. 4	Phila., Pa.	
Nov. 8	London, Ont.	Oct. 27
Nov. 9	Reading, Pa.	Oct. 13
Nov. 15	Rutherford, N. J.	Oct. 20
Nov. 22	Wallington, N. J.	Oct. 20
Nov. 29	Newark, N. J.	Oct. 20

BRIDGES

Nov. 1	Chester, S. C.	Oct. 27
Nov. 7	Washington	Oct. 27
Nov. 8	North Carolina	Oct. 27
Nov. 9	Washington, N. J. Adv. Oct. 27	Oct. 27 Oct. 27
Nov. 9	Mays Landing, N. J. Adv. Oct. 27	Oct. 27
Nov. 11	Detroit, Mich. Adv. Oct. 27	Oct. 27
Nov. 12	Buffalo, N. Y.	Oct. 27
Nov. 15	Oklahoma City Okla.	Oct.
Nov. 16	Little Rock, Ark. Adv. Oct. 27	Oct. 27
Nov. 18	Dayton, O.	Oct. 20

RAILWAYS

Nov. 9	New York	Oct. 20

EXCAVATION AND DREDGING

Nov. 1	Garner, Ia.	
Nov. 3	Valley, Ill. Adv. Oct. 27	Oct. 27 Oct. 27
Nov. 5	Charleston, Mo.	Oct. 20
Nov. 9	Red Oak, Ia.	Oct. 27
Nov. 17	Carrollton, Ill. Adv. Oct. 27	Oct. 27 Oct. 27
Dec. 1	Riverton, Wyo.	Oct. 20
Jan. 7	Duluth, Minn.	Oct. 13

STREETS AND ROADS

Oct. 31	Palestine, Tex.	Oct. 20
Oct. 31	California	Oct. 20
Oct. 31	Louisiana	Oct. 20
Oct. 31	New Jersey	Oct. 20
Oct. 31	Bakersfield, Cal.	Oct. 20
Nov. 1	Lewisburg, W. Va.	Oct. 27
Nov. 1	La Grange, Tex.	Oct. 13
Nov. 2	New Mexico	Oct. 20
Nov. 2	Monroe, La. Adv. Oct. 27	Oct. 20 Oct. 27
Nov. 2	Centerville, Ia.	
Nov. 2	Brooklyn, N. Y.	Oct. 27
Nov. 3	Denton, Tex.	Oct. 27
Nov. 3	New York, N. Y.	Oct. 27
Nov. 4	St. Genevieve, Mo.	Oct. 27
Nov. 5	Weldon, N. C.	Oct. 27
Nov. 7	Louisiana	Oct. 27
Nov. 8	Warren, Minn.	Oct. 27
Nov. 8	Stockton, Cal.	Oct. 27
Nov. 8	Bay City, Tex.	Oct. 27
Nov. 8	North Carolina	Oct. 27
Nov. 9	Mays Landing, N. J. Adv. Oct. 27	Oct. 27 Oct. 27
Nov. 9	Titusville, Fla.	Oct. 27
Nov. 10	Ishpeming, Mich.	Oct. 27
Nov. 10	Missouri	Oct. 27
Nov. 11	Missouri	Oct. 27
Nov. 17	West Virginia Adv. Oct. 27.	Oct. 27 Oct. 27

Bids Close		See Eng. News-Record

INDUSTRIAL WORKS

Nov. 1	Phila., Pa.	Oct. 27
Nov. 7	Cleveland, O.	Oct. 27

BUILDINGS

Nov. 1	Santa Ana, Cal.	Oct. 6
Nov. 1	Elizabeth, N. J.	Oct. 13
Nov. 1	Bloomville, O.	Oct. 13
Nov. 1	Teaneck (Englewood P. O.) N. J.	Oct. 13
Nov. 1	Rockton, Ill.	Oct. 20
Nov. 1	Big Rapids, Mich.	Oct. 20
Nov. 1	Gravenhurst, Ont.	Oct. 27
Nov. 2	Canton, O.	Oct. 27
Nov. 5	Peoria, Ill.	Oct. 27
Nov. 5	Peoria, Ill.	Oct. 13
Nov. 5	Sunderland, Mass. Adv. Oct. 27	Oct. 20 Oct. 27
Nov. 7	Bridgman, Mich.	Oct. 20
Nov. 7	La Grange, Ill.	Oct. 27
Nov. 7	Lorain, O.	Oct. 27
Nov. 8	Osawatomie, Kan.	Oct. 20
Nov. 10	Ithaca, N. Y. Adv. Oct. 27	Oct. 27 Oct. 27
Nov. 16	San Francisco, Cal.	Oct. 27
Dec. 20	Missoula, Mont.	Oct. 20
Dec. 20	Bozeman, Mont.	Oct. 20
Dec. 20	Butte, Mont.	Oct. 20
Jan. 15	Laramie, Wyo.	Oct. 20
Feb. 1	Williamsport, Pa.	Sept. 29
Feb. 1	Duluth, Minn.	Oct. 27

FEDERAL GOVERNMENT WORK

Oct. 31	Hospital — Ft. Bayard, N. M.	Oct. 13
Nov. 1	Piping, etc.—Chicago, Ill.	Oct. 20
Nov. 1	Removal of Wreck—Charlotte, N. Y. Adv. Oct. 27	Oct. 27
Nov. 1	Removal of Wreck—Buffalo, N. Y. Adv. Oct. 27	Oct. 27
Nov. 2	Quarters—Prescott, Ariz.	Oct. 13
Nov. 2	Remodeling Barracks—Mare Island, Cal.	Oct. 6
Nov. 3	Mess Hall — Tahlequah, Okla.	Oct. 20
Nov. 3	Mechanical Equipment — Ft. Bayard, N. M.	Oct. 20
Nov. 7	Mezzanine Floor—Baltimore, Md.	Oct. 27
Nov. 8	Tower and Tank—Cape Fear, N. C.	Oct. 20
Nov. 9	Wiring System—Phila., Pa.	Oct. 27
Nov. 10	Kitchen and Mess Hall—Ft. Logan H. Roots, Ark. Adv. Oct. 27	Oct. 27
Nov. 10	Dredging — Weymouth, Mass. Adv. Oct. 27.	Oct. 27
Nov. 10	Dredging, Boston, Mass. Adv. Oct. 27	Oct. 27
Nov. 15	Monument — Plattsburg, N. Y. Adv. Oct. 20 and 27.	Oct. 20
Nov. 15	Vessel—St. Louis, Mo. Adv. Oct. 20 and 27.	Oct. 20
Nov. 15	Equipment — Sheridan, Wyo.	Oct. 20
Nov. 16	Mechanical Equipment — Prescott, Ariz.	Oct. 27
Nov. 16	Watertube Boilers — Memphis, Tenn. Adv. Oct. 20 and 27.	Oct. 27 Oct. 27
Nov. 18	Lock Gates—Cincinnati, O. Adv. Oct. 27	Oct. 27
Nov. 21	Buildings — Walla Walla, Wash.	Oct. 27
Nov. 22	Buildings—Rutland, Mass.	Oct. 27
Nov. 22	Monument—Vergennes, Vt. Adv. Oct. 27.	Oct. 27
Dec. 7	Storehouse—Pearl Harbor, H. T.	Oct. 6

MISCELLANEOUS

Nov. 1	Grader—Watertown, S. D.	Oct. 27
Nov. 2	Refined Asphalt — Brooklyn, N. Y.	Oct. 27
Nov. 11	Coal and Ash Handling Machinery and Equipment — Milwaukee, Wis. Adv. Oct. 20 and 27.	Oct. 20
Nov. 30	Stadium—Chicago, Ill.	Oct. 20

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. Y., Scottville—Making plans pumping and filtering plant and 6 mi. c.i. mains. Hopkins & Field, 349 Cutler Bldg., Rochester, engrs.

N. Y., Wilson—Had plans prepared 5 mi. c.i. mains, pumping station and tower. Hopkins & Field, 349 Cutler Bldg., Rochester, engrs.

Pa., Ebensburg—To vote on $80,000 bonds for concrete reservoir, pumping station and mains. H. F. Dorr, Trust Bldg., engr.

Va., Bristol—Cities of Bristol, Va., and Tennessee making plans improving joint and individual water supplies, incl. filtration, pumping, reservoir capacity and enlarging pipe lines. S. G. Keller, city mgr., Bristol, Va., G. P. Biedleman, Bristol, Tenn., comr. pub. impvts. Norton, Bird & Whitman, Munsey Bldg., Baltimore, Md., engrs.

Ill., Abingdon—Making plans extending 6 in. c.i. mains. $27,000. G. J. Slough, clk. Engineer's name withheld.

Ill., St. Anne—Making plans waterworks. $59,000. Marr Green & Co., 400 North Michigan Ave., Chicago, engrs.

O., Dayton—Plans water softening plant lime and soda ash process, incl. settling tanks and filter beds. $800,000. G. Baker, city engr.

O., Dayton—Soon takes bids 3,000,000 gal. suction reservoir at Keowee St. Pumping Sta. $75,000. G. Baker, city engr.

Ia., Ashton—Making plans waterworks, 50,000 gal. steel tank, 100 ft. steel tower, and pumping equipment. $25,000. W. E. Buell & Co., Davids Bldg., Sioux City, engrs.

Minn., Little Falls—Making plans filtration plant. $25,000. L. P. Wolff, 1001 Guardian Life Bldg., St. Paul, engr. Noted Jan. 20.

Minn., Morris—Making plans for iron removal and filtration plant and remodeling old plant. $40,000. Engineer not announced.

S. D., White Lake—Plans improving waterworks, $45,000 bonds voted. Smith & Reeves, Mitchell, engrs.

S. D., Canton—Plans extending 4 and 6 in. c.i. mains. $28,000. G. Hokenstad, clk. Engineer not selected.

Okla., Granite—Defeated $65,000 bonds for waterworks. V. V. Long & Co., Colcord Bldg., Oklahoma City, engrs. Noted Sept. 22.

Okla., Oklahoma City—Nov. 26, to vote on $1,600,000 bonds improving waterworks. B. M. Hart, city engr.

Mont., Red Lodge—Plans 10 in main from intake of 8 in. line, West Fork of Rock Creek, to 16th St. $70,000. L. B. Evanson, clk.

Tex., Marlin—Plans reservoir, stand pipe and mains. $225,000. L. Goodrich, city engr.

Tex., Wortham—Election Nov. 7, waterworks sewers and electric light plants. Eng. Serv. Co., Sumpter Bldg., Dallas, consult. engrs.

Col., Loveland—Having survey made 8 mi. 24 in. conduit. $400,000. L. C. Oskom, city engr.

BIDS DESIRED

N. Y., Perrysburg—Nov. 7, by G. C. Andrews, water comr., Municipal Bldg., Buffalo, 1,000,000 gal. rein.-con. reservoir, at J. N. Adams Hospital, here. Noted Sept. 22.

N. Y., Syracuse—Nov. 14, Bd. Contract & Supply, first 6 mi. (ultimately 29 mi.) 90 in. conduit to Skaneateles Lake. $560,000. Total, $3,000,000. H. C. Allen, City Hall, engr. Noted Oct. 20.

Waterworks (Continued)

O., Cleveland—Nov. 4, concrete covered reservoir (Baldwin Reservoir), 3,500,000 lb. reinforcing, 26,000 lin.ft. drain tile, 100,000 yd. concrete and 57,000 cu.yd. earth excav. $2,500,000. A. V. Ruggles, City Hall, engr.

Mich., Detroit—Oct. 31 by Comr. Purchases and Supplies, 710 Marquette Bldg., 1,320 ton 6 in., 1,877 ton 8 in., 169 ton 10 in., 1,452 ton 12 in., 1,139 ton 16 in., 5,263 ton 24 in. and 3,780 ton 42 in. B. & S. c.i. water pipe, 79,200 ft. 6 in., 79,200 ft. 8 in., 5,280 ft. 10 in., 31,680 ft. 12 in. and 15,840 ft. 16 in. Universal c.i. pipe, 31,680 ft. 13½ in. O. D. 31 in. thick, 15,840 ft. 18 in. O. D. 33 in. thick and 37,700 ft. 26 in. O. D. 37½ in. thick, Matheson joint steel pipe, 37,700 ft. 24 in. and 10,560 ft. 42 in. taper courses steel lock bar pipe, 37,700 ft. 24 in. straight, 37,700 ft. 24 in. taper bumped, 10,560 ft. 42 in. straight bump and 10,560 42 in. taper bumped Hammer-welded steel pipe. T. A. Leisen, Water Works Park, engr.

Wis., Taylor—Oct. 31, by H. T. Neperud, village clk., waterworks, 100,000 gal. elevated steel tank, mains, hydrants, valves and wells. W. S. Woods, Batavian Bank Bldg., LaCrosse, engrs. Noted May 19.

Minn., Forest Lake — Nov. 4, T. D. Arends, village recdr., one 27 ft. concrete well, 18 in. diameter, one brick and concrete pump house, one triplex and one centrifugal pump with motors, piping switchboard and incent work. $15,000. Former bids rejected. Druar & Milinowski, 504 Globe Bldg., St. Paul, engrs. Noted Oct. 6.

BIDS RECEIVED

N. Y., Scarsdale—Opened bids Oct. 10, waterworks force main and substructures, from Garofano Constr. Co., Inc., 14 South 10th Ave., Mt. Vernon, $28,416; Gross Contg. Co., 303 Philipsburg Bldg., Yonkers, $30,277; F. A. Gammino, 331 Bway., Providence, R. I., $31,480.

Pa., Harrisburg—For enlarging filtration plant, 8 new filters, filter building, reservoir, sedimentation basin, Contr. A, from Whiting Turner Constr. Co., 403 Stewart Bldg., Baltimore, Md., $375,588, S. W. Shoemaker & Son, 421 Walnut St., $421,584, T. L. Eyre, 1537 Commercial Trust Bldg., Phila., $449,298; 2 new 15,000,000 gal. high lift centrifugal pumps, boiler, boiler house, etc. Contr. B, from Ranson & Anderson, 136 Liberty St., New York, $200,338, J. H. Wickersham, Brennan Bldg., Lancaster, $243,622, Roberts Filter Mfg. Co., 6th and Columbia Sts., Darby, $243,745; 2,000 lin.ft. 36 in. Class C pipe, Contr. C, from Meadow & McCarthy, 2425 State St., $40,160, Natl. Constr. Co., 2218 Chestnut St., Phila., $41,242, T. L. Eyre, 1537 Commercial Trust Bldg., Phila., $42,860. Noted Sept. 29.

Mich., Detroit—Water Bd. 8,200 ft. 6 in. mains in Park Dr., Flanders, Edgerton, Heston, Wilfred and Cherrylawn Aves., 2,557 ft. 8 in. in Wisconsin Ave. Pipe will be purchased and laid by city forces. T. A. Leisen, Water Works Park, engr.

Ill., Elmhurst—For 4-6 in. c.i. mains, to T. H. Iglehart, 209 South La Salle St., Chicago, $30,000. Noted Oct. 6.

Wash., Seattle—Bd. Pub. Wks. opened bids Oct. 14, mains on Westlake Ave. N., 500 lin.-ft. 8 in. Class D, c.i. pipe, 750 lin.-ft. ¾-in. galvanized iron pipe, etc., from S A. Moceri, Thompson Bldg., $24,603; J. L. Smith, Pioneer Bldg., $24,615; Fiorito Bros., New York Blk., $26,817.

CONTRACTS AWARDED

Mass., West Springfield—Water Bd., c.i. water pipe extensions, to Donaldson Iron Co., 24 Milk St., Boston, to exceed $25,000.

N. Y., S. I. St. George — N. J. Hayes, comr. Water Supply Gas & Electricity, Municipal Bldg., New York, hauling and laying mains in Arrietta St. and along bulkhead wall from Arrieatta St. to Clifton, here, to G. Troiano, 246 Bowery, New York, $16,080. Noted Oct. 20.

Ill., West Hammond—For 6 and 8 in. mains, to M. Donahue, Stevens Point, Wis., $25,000. Noted Aug. 18.

Wis., Cedarburg—Laying water and sewer pipe, to Brogan & Schaefer, 700 Dousman St., Green Bay, $91,139. Noted Sept. 8.

Kan., Victoria—Complete waterworks, to Ladd Constr. Co., Kansas City, Mo., $37,000.

N. D., Dickinson—See "Sewers."

Cal., Fullerton — Furnishing pipe for waterworks to U. S. Cast Iron Pipe & Fdry. Co., 705 Wright & Callender Bldg., Los Angeles, $75,191, fittings $3,600; laying pipe to M. & F. Pipe Line Constr. Co., 534 Douglas Bldg., Los Angeles, $38,726. Noted Oct. 20.

Sewers

PROPOSED WORK

N. Y., Scottsville—Having plans prepared disposal plant and 6 mi. 55 in. sewers. Hopkins & Field, 349 Cutler Bldg., Rochester, engrs.

N. Y., Wilson—Had plans prepared 5½ mi. sewers and disposal plant. Hopkins & Field, 349 Cutler Bldg., Rochester, engrs.

N. C., Greensboro—Plans 15 mi. 8 in. terra cotta sewers. $75,000. P. C. Painter, city mgr.

O., Sabina—Plans 1 mi. sewers. $30,000. Jennings-Lawrence Co., Hartman Bldg., Columbus, engrs.

Mich., Detroit—Dept. Pub. Wks. plans 2,626 ft. 33 in. to 5 ft. sewer Grand River Ave. arm. East Wyoming sewer; 8,196 ft. 12-24 in. Lateral Sewer 3521; 5,176 ft. 12-24 in lateral 3522; 6,125 ft. 12-24 in. Lateral 3538; 457 ft. 2 ft. 8 in. to 4 ft. Lateral 3545. C. W. Hubbell, city engr.

Ill., Carbondale—Making plans 20,000 ft. clay tile sewers and 26 brick and concrete manholes. $75,000. R. O. Rollo, City Hall, Murphysboro, engr.

Wis., St. Croix Falls—Making plans sewerage system. $75,000. W. R. Taylor, clk. Toltz, King & Day, 1410 Pioneer Bldg., St. Paul, engrs.

S. D., White Lake—Plans sewerage system, $25,000 bonds voted. Smith & Reeves, Mitchell, engrs.

Tex., Wortham—See "Waterworks."

Okla., Oklahoma City—Nov. 26, to vote on $1,600,000 bonds for sewers and disposal plant. B. M. Hart, city engr.

BIDS DESIRED

N. J., Newark—Nov. 29, by Passaic Valley Sewerage Comrs., 128 Market St., northerly portion Sect. 29, Brown St. Branch Intercepting Sewer, Essex Co., 4,432 lin.ft. earth excav. and refilling in trench for 24 in. circular concrete sewer, 598 lin.ft. earth excav. and refilling in trench for 15 in. vitr. sewer with concrete reinforcement, 1,500 cu.yd. concrete masonry, etc. J. R. Van Duyne, ch. engr.

Pa., Phila.—Nov. 4, by **F. A. Caven**, dir. pub. wks., following concrete sewers, 2,220 ft. of 5 x 6 ft. in Bigler St. from 3rd to 4th Sts., 4th St. from Bigler to Johnson Sts., and Johnson St. from 4th to 7th Sts., $125,000; 2,067 ft. of 6 x 6 ft. in Bigler St. from present terminus in Vandalia St. to 3rd St., $125,000; 1,150 ft. of 6½ ft. in J, and in I St. from Venango St. to Erie Ave., $75,000; 3,291 ft. of 5 ft. intercepting sewer along Tacony Creek in I and H Sts. and Tacony Creek Park, $220,000; 1,501 ft. of 4½ ft. in 57th St. from Malvern Ave. to Ithan St., $60,000; 1,547 ft. of 10½ ft. in Everett St. from present terminus south of McGee St. to McGee St., also McGee St. from Everett St. to Cranberry Ave., $115,000; 1,619 ft. of 5½ ft. and 1,000 ft. 6 in. c.i. pipe in Fletcher St. from Sedgley Ave. to 29th St., $125,000; 1,695 ft. of 7 ft. in Bingham St. from Adams Ave. to Phila. & Reading R.R., $75,000. C. Frommer, City Hall, engr. Noted Oct. 6.

La., Monroe—See "Streets and Roads."

Tex., Brownwood—See "Miscellaneous."

O., Akron—Oct. 31, by E. A. Zeisloft, dir. Pub. Serv., trunk and lateral sewers in Case Ave. and Newton St. Dist., 1,535 ft. 39 in., 380 ft. 48 in. and 340 ft. 63 in. vitr. brick or segmental block and 5,000 ft. 8-24 in. tile block; Switzer Creek Dist., 620 ft. 78 in., 1,910 ft. 72 in. and 55 ft. 30 in. vitr. brick or segmental block, and 4,100 ft. 24 in. tile block; trunk sewer in Blttman and Hall Sts., 740 ft. 30 in., 575 ft. 36 in. and 240 ft. 48 in. vitr. brick or segmental block and 1,500 ft. 8-24 in. tile block. J. E. Root, 300 Delaware Bldg., engr.

Ill., De Kalb—Nov. 1, 6-12 in. glazed tile sewers. $26,000. W. Hay, city engr.

Ill., East Moline—Nov. 1, 10-12 in. glazed sewers in 3d St. $25,000. L. E. Sneary, City Bldg., engr. Noted Sept. 8.

BIDS RECEIVED

Mich., Detroit—For lateral sewers, (1) 3495, (2) 3536, (3) 3537, (4) 3539, (5) 3540, (6) 3547, (7) 3551, from Western Constr. Co., 1208 Ford Bldg., (1) $12,105, (3) $5,369, (4) $8,190, (6) $12,438, (7) $2,994; Oakwood Constr. Co., Blvd., (1) $14,200, (2) $9,500, (3 (4) $10,000, (6) $13,500, (7) $3,30 erty Constr. Co., 917 Detroit Savings Bldg., (1) $13,990, (2) $9,700, (4) $ (6) $14,890, (7) $3,790; R. D. Baker, Elmhurst Ave., (2) $10,583, (3) $5, W. Porath, 1410 West Grand Blvd., $3,088; G. Tata, 9650 Oakland Ave., $2,957; A. Rossi, 1778 East Grand Blv (5) $3,000. Noted Oct. 13.

Utah, Salt Lake City—Opened bids Oct 19, for 8-15 in. vitr. sewers in 6th St. S. to 2nd St. north from 8th St. west to Jordan River, from Shepard & Meher, Cullen Hotel, $125,096; C. E. Green, Clift Bldg., $126,815; Security Bridge Co., Helena, Mont., $129,139.

CONTRACTS AWARDED

N. J., Passaic—Passaic Valley Sewerage Comrs., 128 Market St., Newark, central portion of Sect. 19, Garfield-Wallington-Passaic Branch Intercepting sewer, here, to Harrison & Craig Co., 31 Clinton St., Newark, 925 lin.ft. earth excav. and refilling, in trench, for 42 in. concrete sewer, $19.45, 800 lin.ft. earth excav. and refilling, in trench for 24 in. concrete sewer, $11.80, 720 cu.yd. concrete masonry, in trench, $15.50, etc., total $50,237. Noted Sept. 29.

Pa., Phila.—For concrete sewers in Ashdale St., Erie Ave. also Packer St. from 22nd St. to Penrose Pl., and Moyamensing Ave., to A. Pascutti, Lincoln Bldg., $144,523, $27,808 and $103,690 respectively; Packer St. from Penrose Pl. to Colorado St., to Union Foundation Co., Phila., $40,459; 9th St., to A. Devito, 1521 South Broad St., $18,151. Noted Oct. 6.

N. C., Rocky Mount — See "Streets and Roads."

O., Dayton—Dry Hollow Storm sewer and sewers in Euclid, Kenwood and Richmond Aves., incl. 2 concrete culverts over Miami and Erie Canal, by day labor. $500,000. G. Baker, city engr.

Ill., Pontiac—For 1012 in. vitr. tile sewers in Hazel and East Prairie Sts., to W. Grossell, Pontiac, $28,341.

Ia., Newell—Sewerage system to Kruse Constr. Co., Spencer, $25,000.

Minn., Albany — Sanitary sewerage system incl. disposal plant, to Hammen & Co. Mankato, $25,519. Notede Aug. 25.

N. D., Dickinson—Sewerage system and water mains, to J. Kennedy, R 97 Bway., Fargo, $70,820.

Bridges

PROPOSED WORK

Vt., Bridgewater—State Hy. Dept., Montpelier, plans 65 ft. steel superstructure, 20 ft., Warren type, for Booth Bridge over Ottaquechee River, here. $25,000. H. M. McIntosh, state engr.

Vt., Troy—Bd. Selectmen had plans prepared by H. M. McIntosh, state engr., Montpelier, 87 ft. rein-concrete "T" beam bridge, 20 ft., 3 spans on wood piles, over Missisquoi River. $25,000 to $30,000.

Mass., Boston—State Metropolitan Dist. Comn., 18 Tremont St., making plans Cottage Farm Bridge. $750,000. J. R. Rablin, 18 Tremont St., engr.

Kan., Topeka—Shawnee Co. making plans and lets contracts in November various bridges. $100,000. A. C. Lagerwall, Topeka, engr.

S. D., Yankton—Yankton Co. rejected bids opened Sept. 16, bridge over Beaver Creek, on Yankton-Salem Rd., Federal Aid Project 77. Noted Oct. 6.

N. D., Fargo—Plan 500 ft. bridge over Red River of North, between here and Moorhead, Minn. $500,000. W. R. Tucker, 728-8th St., N., Fargo, secy. Joint Comn. Engineer not announced.

Tex., Bastrop—Bastrop Co. making plans 1,340 ft. bridge over Colorado River, steel spans, concrete piers and abutments, 16 ft. roadway. $160,000. A. F. Mitchell, Cameron, co. engr.

Tex., Georgetown—Williamson Co. making plans 330 ft. bridge over Berrys Creek north of here, five 41 ft. concrete girders and one 125 ft. steel span. $34,188; 3 concrete girder bridges on Meridian Highway over Willis Branch, Bull Branch and Long Branch, $26,000; 310 ft. bridge over San Gabriel River on Highway 2-C, two 150 ft. steel spans on concrete piers, $36,675. R. A. Nichols, co. engr.

Bridges (Continued)

Tex., Tyler—Smith Co. making plans rein.-con. culverts and bridges and concrete pile trestle bridges on State Highway 37, 1,400 cu.yd., rein.-con., 1,040 lin.ft. concrete piling. $60,000. D. K. Caldwell, co. engr.

Utah, Brigham—State Hy. Comn., Salt Lake City and Boxelder Co., had plans prepared and soon receive bids 2 steel bridges one 100 ft. long at mouth of Ogden Canyon and other 60 ft. long, $28,500. H. C. Means, Salt Lake City, state highway engr.

BIDS DESIRED

N. Y., Buffalo—Nov. 12, by Pub. Wks. Comn., Municipal Bldg., reconstructing, renewing and protecting viaduct on Louisiana St. over Erie R.R., New York Central R.R.; also viaduct on Perry St. over Lake Shore & Michigan Southern R.R., New York Central R.R. G. H. Norton, Municipal Bldg., engr.

N. J., Mays Landing — Nov. 9, by Bd. Freeholders Atlantic Co., Guarantee Trust Bldg., Atlantic City, 72 ft. creosoted wooden pile bridge over Babcocks Creek on line of reconstructed Sugar Hill Sect. of Pleasantville-Mays Landing Rd., Hamilton Twp. A. H. Nelson, 636 Guarantee Trust Bldg., Atlantic City, co. engr.; adv. this issue. Noted Aug. 18.

N. J., Washington—Nov. 9, by State Hy. Dept., Trenton, 2 steel I-beam trolley bridges 3 and 4 on Route 12, Sect. 4, near here, Franklin Twp., Warren Co. C. A. Mead, 790 Broad St., Newark, bridge engr.; adv. this issue.

North Carolina — Nov. 8, by State Hy. Comn., Raleigh, bridges and culverts on State Project 455, Wake Co., 750 cu.yd. concrete, 95,000 lb. reinforcing, 570 ft. untreated timber piles, etc. $27,000. C. M. Upham, state highway engr.

S. C., Chester — Nov. 1, by Bd. Dirs. Chester Co., 249 ft. rein.-con. bridge over Fishing Creek. H. H. Kester, Chester, engr.

O., Dayton—See "Miscellaneous."

Mich., Detroit — Nov. 11, by Bd. Rd. Comrs. Wayne Co., superstructure of double-leaf bascule bridge over River Rouge, West Fort St.; adv. this issue.

Minn., Moorhead—See "N. D., Fargo."

Ark., Little Rock — Until Nov. 16, by Comrs. Bway.-Main St., Bridge Dist., Moore & Turner Bldg., superstructures for 2 rein.-con. arch bridges across Arkansas River. J. Matthews, secy.; adv. this issue.

Washington—Nov. 7, by State Hy. Comn., Olympia, 2 rein.-con. bridges on Natl. Park Highway between Ohop and Peterson; channel changes and reconstructing steel bridge over Beaver Creek on Olympic Highway east of Beaver, Pierce Co., 400 cu.yd. rein.-con. and 40,000 lb. steel. J. Allen, State Hy. engr.

BIDS RECEIVED

North Carolina—State Hy. Comn., at div. office Wilmington, opened bids Oct. 10, rein.-con. bridges and culverts on (1) State Project 517, Columbus Co., (2) State Project 622, Robeson and Columbus Counties, (3) State Project 596, Cumberland and Sampson Counties, (4) Project 541, Pender Co., (5) State Project 623, Bladen Co., from Cornell-Young Co., 4th Natl. Bank, Macon, Ga., (1) $54,317, (4) $55,637; J. E. Lane & Co., Altavista, Va., (1) $66,051, (2) $60,-059; Powell Paving & Constr. Co., Palmetto Bank Bldg., Columbia, S. C., (1) $70,751, (4) $62,332, (5) $31,319; L. A. Chitwood, 1109 Price St., Columbia, S. C., (2) $53,-500; J. A. Kreis, Holston Bank Bldg., Knoxville, Tenn., (2) $65,147; Roanoke Bridge & Iron Co., Roanoke, Va., (3) $23,931; C. W. Lacy, Wilmington, (3) $27,284; Austin Bros. Bridge Co., Hurt Bldg., Atlanta, Ga., (3) $27,883; Luten Bridge Co., 405 East 4th Ave., Knoxville, Tenn., (4) $68,753, (5) $32,704; Porter & Peck, Greenville, N. C., (5) $31,737. Noted Sept. 22.

Ala., Tuscaloosa—W. S. Keller, state highway engr., Montgomery, bridge over Warrior River between Tuscaloosa and Northport, from Virginia Bridge & Iron Co., Roanoke, Va., $130,950, Bethlehem Steel Bridge Corp., Bethlehem, Pa., $144,800, Phoenix Bridge Co., Phoenixville, Pa., $152,-450; 5 concrete piers for above bridge, from J. A. Peterson, Bell Bldg., Montgomery, $47,229, Finnell Co., Tuscaloosa, $48,-599, Illinois Steel Bridge Corp., 608 Laclede Gas Bldg., St. Louis, Mo., $50,686. Noted Sept. 29.

CONTRACTS AWARDED

Tenn., Greeneville—Greene Co. Bridge Comn. following rein.-con. bridges, 100 ft. span over Camp Creek, 50 ft. over Lick Creek, 40 ft. over Jockey Creek, 35 ft. over Gap Creek, 30 ft. over Snapps Ferry, 40 ft. over Hartman Creek, to J. A. Steel, Jr., Holston Bank Bldg. and O. T. Roehl, 217 North Bway., both of Knoxville.

Tex., Livingston—Polk Co. rein.-con. bridges and culverts, concrete pile and timber pile trestles on State Highway 1, from Austin Bros. Bridge Co., Coombs St., Dallas, $65,014; Johnson Constr. Co., Dayton, $65,164; I. Young, Livingston, $66,615.

Dams

Col., Colorado Springs—Beaver Park Land & Water Co. Brush Hollow dam, 310,000 cu.yd. earth embankment, 5,500 yd. rip-rapping on face of dam, $225,000; also continuation of ditches, pipe lines, etc., $20,000. G. G. Anderson, 533 Consolidated Realty Bldg., Los Angeles, Cal., engr.

Excavation and Dredging

PROPOSED WORK

Ia., Spirit Lake—Dickinson Co. making plans Drain 56, earth excav. and concrete culverts. $40,000. R. A. Furman, Spirit Lake engr.

Col., Colorado Springs—Beaver Park Land & Water Co., plans Brush Hollow dam, 310,000 cu.yd. earth embankment, 5,500 yd. riprapping on face of dam, $225,-000; also continuation of ditches, pipe lines, etc., $20,000. G. G. Anderson, 533 Consolidated Realty Bldg., Los Angeles, Cal., engr.

BIDS DESIRED

Ill., Carrollton — Nov. 17, Comrs. Macoupin Creek D.D., at office Clerk of Greene Co. excavating main ditch and laterals. Kelker, Gates & DeLeuw, 1206 Conway Bldg., Chicago, engrs.; adv. this issue.

Ill., Valley—Nov. 3, (change of date) by Comrs. Valley City Drainage and Levee Dist., Pike Co., at Naples, centrifugal pumps, oil engines, etc. E. T. Perkins Eng. Co., 38 South Dearborn St., Chicago, engrs.; adv. this issue. Noted Oct. 13.

Ia., Garner—Nov. 1, by C. Jacobs, aud. Hancock Co., D. D. 7, 59,430 ft. 6-26 in. tile, etc. $25,000. Noted June 2.

Ia., Red Oak—Nov. 9, Bd. Supervs. Montgomery Co., at office C. Nimrod, aud. 8.5 mi. open ditch, D.D. 6, 211,000 cu.yd. excav. C. D. Forsbeck, Red Oak, engr.

CONTRACTS AWARDED

Minn., Stillwater—Washington Co., Judicial Ditch 5 and 7 labor to F. H. Peterson, Morristown, $3,530 and $3,070 respectively, tile to What Cheer Clay Products Co., What Cheer, Ia., $6,800 and $4,500 respectively; Judicial Ditch 6, to Paine & Gjelleford, St. Paul, $11,112. Noted Oct. 6.

Streets and Roads

PROPOSED WORK

N. C., Greensboro—Plans extending various paved streets. $200,000. P. C. Painter, city mgr.

N. C., Raleigh—City, Street Ry. Co. and State Hy. Comn., plan paving, curbing and guttering Bloodworth and Smithfield Sts., State Project 595, 8,700 sq.yd. concrete or asphaltic. $25,000. C. M. Upham, state highway engr.

N. C., Shelby—Plans to issue $300,000 paving 5 mi. various streets. Engineer not selected.

Fla., Miami Beach—Plans widening 5 mi. Collins Ave., Ocean Dr., 1st., 2nd and 3rd Sts., probably brick. $75,000. R. M. Davidson, city engr.

Tennessee—State Highway Dept., Nashville, takes bids in few weeks surfacing 15 mi. State Rd. 26 from Hohenwald to Lawrence Co. line, 16 ft., gravel or chert, Lewis Co. $100,000. D. Q. McComb, ch. engr.

Mich., Detroit—Plans paving Longfellow Ave., from Linwood to Lawton Aves., 4,000 sq.yd. asphalt on 8 in. concrete, $25,510; McGraw Ave. from Martin to Bradden Aves., 1,202 sq.yd. sheet asphalt on 8 in. concrete; alleys 1400 to 1405 inclusive, one course rein.-con. C. W. Hubbell, city engr.

Ill., Decatur—Making plans paving Williams and Main Sts., sheet asphalt on concrete. $75,000. W. Collins, Decatur, engr.

Ill., Lawrenceville—Making plans paving various streets, vitr. brick on concrete, $100,000. P. J. Benefail, Lawrenceville, engr.

Wis., Milwaukee—State Hy. Comn. Madison, takes bids after Jan. 1, concrete paving 5½ mi. 68th Ave. from Lincoln Ave. to Loomis Rd., 18 ft.; widening to 40 ft. and concrete paving Blue Mound Rd. from Hawley Rd. to Loop, $150,000; concrete paving and grading 5 mi. Brown Deer Rd. from Brown Deer Twp. through Granville, 18 ft. for Milwauke Co. Wisconsin Hy. Comn., Madison engrs.

Ia., Davenport—Bd. Supervs. Scott Co. opens bids about Nov. 9, grading and paving 6.25 mi. Sect. B Davenport-Harrison-New Liberty Rd., 18 ft., 8,642 cu.yd. excav., 69,017 sq.yd. concrete or brick paving. $250,000. J. M. Malloy, co. engr.

Ia., Sheldon—Plans paving 7 blocks, $26,-000. S. Martin, clk.

Minn., Albert Lea—Freeborn Co. plans grading 6 mi. road, 24 ft., and concrete bridge, Hayward and Albert Lea Twps. $40,000. C. Squires, Albert Lea, engr.

Minn., Detroit—Making plans paving 25 blocks. $150,000. Druar & Milinowski, 504 Globe Bldg., St. Paul, engrs.

Minn., Minneapolis—Plans widening, grading and paving 1.5 mi. Superior Blvd. from Hennepin Ave. to city limits, 120 ft. $125,000. F. W. Cappelen, city engr.

Kan, Atchison—Atchison Co. making plans and soon takes bids grading and bridging 6 mi. King of Trails Sect. 1, or Leavenworth Rd., 2 bridges 30 ft. spans, 3 bridges 18 ft. spans, 90,000 cu. yd. earth and 2,000 cu.yd. rock excav. R. Kerr, Jr., Atchison, engr.

Kan., Hutchinson—Reno Co. making plans grading and gravel surfacing 15 mi. various roads. $150,000. Southwestern Eng. Co., Nelson Bldg., engrs.

Kan., Topeka—Shawnee Co. takes bids in December grading 6 mi. Capital Highway, 30 ft. A. C. Lagerwall, Topeka, engr.

Wyo., Kemmerer—Rejected bids paving 10 blocks, Park Ave., Pine, North and South Main Sts. Will readvertise in spring. Noted Sept. 1.

Missouri—State Hy. Dept., Jefferson City, plans 1.403 mi. road from Perryville to Claryville, State Aid Project 20.114, Perry Co., 33,145 cu.yd. earth and 6,671 cu.yd. rock excav., 371.2 cu.yd. concrete masonry, etc., $43,398; 1.918 mi. road from Mexico northwardly, State Aid Project 20.109, Audrain Co., 10,263 cu.yd. earth and 344 cu.yd. rock excav., 108.3 cu.yd. concrete masonry, etc., $10,529; 1.371 mi. road from Waynesville eastwardly, State Aid Project 20.107, Pulaski Co., 13,472 cu.yd. earth and 600 cu.yd. rock excav., 53.2 cu.yd. concrete masonry, etc., $16,761; 2.386 mi. road from Holland southwardly, State Aid Project 20.101, Pemiscot Co., 7,944 cu.yd. earth excav., 3,579 cu.yd. borrow and 43.4 cu.yd. concrete masonry, $6,769; 1.46 mi. road from Weingarten southwestward, State Aid Project 20.1, St. Genevieve Co., 7,530 cu.yd. earth and 4,766 cu.yd. rock excav., 108.2 cu.yd. concrete masonry, etc., $18,336. A. Graham, state highway engr.

Missouri—State Hy. Dept., Jefferson City, plans 7.21 mi. road from Cuba westward, State Aid Project 20.105, Crawford Co., 3,851 cu.yd. earth and 500 cu.yd. rock excav., 224.9 cu.yd. concrete masonry, etc., $28,931; 17.09 mi. road from Lamar northward, eastward and westward, State Aid Project 20.104, Barton Co., 44,436 cu.yd. earth excav., 662.3 cu.yd. concrete masonry, etc., $45,070. A Graham, state highway engr.

Tex., Groveton—Trinity Co. making plans grading, gravel surfacing and building bridges on 10 mi. State Highway 19, from Houston Co. line to Trinity, 16 ft., $110,-000; grading and gravel surfacing 7 mi. State Highway 19 from Trinity to Walker Co. line, 16 ft., $80,000. W. J. Kelly, Huntsville, co. engr.

Tex., Livingston—Polk Co. rejected bids opened Sept. 22, draining and timber pile trestles on 9.7 mi. State Highway 35. Work will be readvertised. Noted Oct. 13.

Tex., Pecos — Reeves Co. making plans grading and gravel surfacing 5.68 mi. Old Saragosa-Pecos City Rd., 16 ft., $27,900; 11.27 mi. Old Saragosa-Toyahvale Rd., 16 ft., $48,315; 15.8 mi. Highway 27, Saragosa to Pecos Co. line, 16 ft., $59,500. A. J. Adcock, Grandfalls, co. engr.

Tex., Rock Springs—Edwards Co. soon takes bids grading and clearing 3.96 mi. Rock Springs-Camp Wood-Uvalde Highway 8,982 cu.yd. earth, 6,945 cu.yd. rock and 1,080 cu.yd. structural excav., 1,324 sq.yd. concrete, 58,000 lb. reinforcing steel. $65,-000. W. E. Simpson, Hicks Bldg., San Antonio, engr.

Okla., Weatherford—Plans paving 26,200 sq.yd. streets. $180,000. V. V. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Streets and Roads (Continued)

Col., Denver—Plans grading and surfacing 40 blocks West Colfax Impvt. Dist. $88,754. J. B. Hunter, City Hall, engr.

Idaho—State Hy. Comn., Boise, plans grading and gravel surfacing 18 mi. Idaho-Pacific Highway. $90,000. H. Gregory, office engr.

Utah, Salt Lake City—W. W. Latham, clk., opens bids about Nov. 16, curbing and guttering 52,340 lin.ft. Extension 24 from 3d to 11th Aves. and from H to N Sts., incl, 16,000 sq.yd. 4 in. sidewalks. 70,000 cu.yd. excav., 2,063 lin.ft. 24 in. rein.-con. pipe, and 5,750 ft. 12-15 in. vitr. or cement pipe. S. Q. Cannon, city engr.

Wash., Morton—Opens bids about Nov. 15, paving Main St., et. al., 70,226 sq.yd. concrete. $27,500.

Que., Verdun—Making plans paving ¾ mi. Wallington Rd., 33 ft., bituminous macadam. $55,000. A. E. Gysons, City Hall, engr.

BIDS DESIRED

N. Y., Brooklyn—Nov. 2, by E. Riegelmann, boro. pres., repaving Kent Ave. from North 12th to Franklin Sts., Franklin St. from Kent Ave. to Commercial St. and Commercial St. from Franklin St. to Manhattan Ave., grade 1 granite on present concrete.

N. Y., New York—Nov. 3, by H. H. Curran, pres. Manhattan, Municipal Bldg., widening and repaving 60th St. from 2nd to 3rd Aves., 52nd St. from 6th to 7th Aves.; repaving East 61st St. from 3rd to Park Aves., 65th St. from 5th to Park Aves., sheet asphalt on concrete, Bridge St. from Whitehall to State Sts., 4 in. granite block on present concrete.

N. J., Mays Landing — Nov. 9, by Bd. Freeholders Atlantic Co., Guarantee Trust Bldg., Atlantic City, Sugar Creek Sect. of Pleasantville-Mays Landing Rd., Hamilton Twp., bituminous concrete on concrete. A. H. Nelson, 636 Guarantee Trust Bldg., Atlantic City, co. engr.; adv. this issue. Noted Aug. 18.

West Virginia — Nov. 17, by State Rd. Comn., Charleston, grading and paving, bituminous penetration macadam, 6.45 mi. Project 3001, Putnam Co., 2.6 mi. Project 3042, Kanawha Co.; grading and concrete paving 2 mi. Project 3073, Ohio Co., 3.5 mi. Project 3005, Wood Co.; grading 6.8 mi. Project 3040, Fayette Co., 2 mi. Project 3100, Gilmer Co., 1.75 mi. Project 3004 Marion Co., 4 mi. Project 3003, Monongalia Co., 10.35 mi. Project 3010, Mineral Co. E. B. Carskaden, secy.; adv. this issue.

North Carolina—Nov. 8, by State Hy. Comn., Raleigh, grading and paving 5.12 mi. State Project 427, Old State Project 523, Granville Co., 5 acres clearing, 20,900 cu.yd. excav., 626 ft. 15-30 in. corrugated metal pipe, 48,060 sq.yd. concrete or asphaltic paving, 1,370 lb. reinforcing, etc., $150,000, 2.3 mi. State Project 410, Old State Project 524, Durham and Orange Counties, 6 acres clearing, 9,500 cu.yd. excav., 1,800 cu.yd. rock excav., 538 ft. 12-30 ft. concrete pipe, 24,350 sq.yd. concrete or asphaltic paving, 3,400 lb. reinforcing, etc., $82,000, 6.64 mi. road from Garner to Johnston Co. line State Project 482, Old State Project 520, Wake Co., 23,400 cu.yd. excav., 994 ft. 15-36 in. rein.-con. pipe, 62,400 sq. yd. concrete or asphaltic paving, 6,190 lb. reinforcing, etc., $220,000; grading, paving and bridging, 7.4 mi. State Project 481, Wake Co., 12 acres clearing, 45,700 cu.yd. excav., 882 ft. 15-24 in. concrete pipe, 78,000 sq.yd. concrete or asphaltic paving, 291 cu.yd. concrete, 30,600 lb. reinforcing, 200 ft. untreated timber piles, etc., $260,000. C. M. Upham, state highway engr.

N. C., Weldon—Nov. 5, by Highway Comn. Halifax Co., grading and surfacing 4 mi. road from Tillery to Crowells Cross roads, 15,000 cu.yd. excav., 4,000 cu.yd. sand-clay and 4,000 cu.yd. gravel surfacing, 5 acres clearing, 2,000 ft. relief trenching, 390 ft. 12-36 in. metal culvert pipe, etc. C. F. Gore, co. engr.

Fla., Titusville—Nov. 9, Bd. Comrs. Brevard Co., grading and surfacing 15 mi. road from Melbourne to Osceola Co. line, rock or shell macadam, $120,000. C. A. Browne, Tallahassee, state highway engr.

Louisiana—Nov. 7, by State Hy. Dept., New Orleans, gravel surfacing 10.53 mi. Natchitoches-Mansfield Highway, from Robeline to Desota parish line, also 8.81 mi. Natchitoches-Colfax Highway, from Grand Encore to Salina Bayou. D. Buie, New Orleans, state hy. engr.

La., Monroe—Nov. 2, grading, paving, curbing, guttering and building storm sewers, R. S. Reynolds, city engr.; adv. this issue.

Mich., Ishpeming—Nov. 10, by State Hy. Dept. at office Bd. Rd. Comrs. Marquette Co., grading 11.426 mi. State Trunk Line Rd. 35-5, Sect. C, 68 acres clearing, 190,000 cu.yd. excav. F. F. Rodgers, Lansing, comr.

Ia., Centerville—Nov. 2, by J. B. McNeal, aud. Appanoose Co. grading 10 mi. roads southwest and northeast of here, Project 76, 175,388 cu.yd. excav., 6,735 lin.ft. 6-12 in. tile. $40,000. F. L. Davis, engr.

Minn., Warren—Nov. 8, by A. G. Lundgren and Marshall Co., gravel surfacing 4 mi. State Rd. 3, Job 2201; 3 mi. State Rd. 4, Job 2203; 11 mi. State Rd. 4, Job 2205; 7 m. State Rd. 5, Job 2209. $25,000. J. E. Dishington, Warren, engr.

Missouri—Nov. 10, by State Hy. Dept., Jefferson City, 3.185 mi. State Aid Project 20.32 De Kalb Co., 8,739 cu.yd. earth excav., 26,858 cu.yd. borrow, 331.1 cu.yd. concrete masonry, etc. $27,601. A. C. Lingley, Court House, St. Joseph, engr.

Missouri—Nov. 11, by State Hy. Dept., Jefferson City, 1.804 mi. State Aid Project 20.34, Livingston Co., 1,714 cu.yd. earth excav., 87,064 cu.yd. borrow, 15.2 cu.yd. concrete masonry, etc. $50,053. A. C. Lingley, Court House, St. oJseph, engr.

Mo., St. Genevieve—Nov. 4, by St. Genevieve Co., grading and paving road. $28,849. W. S. Murray, Sikeston, engr. Noted Sept. 15.

Tex., Bay City—Nov. 8, by J. F. Perry, judge Matagorda Co. ditching and surfacing 7.23 mi. State Highway 12-A, 4,121 cu.yd. ditching, 32,606 cu.yd. borrow, 74.16 cu.yd. 1:2:4 concrete, 5,750 lb. reinforcing, 13,498 cu.yd. shell surfacing. $52,700. J. C. Carrington, co. engr.

Tex., Denton—Nov. 3, by E. I. Key, judge Denton Co., gravel surfacing 10.03 mi. State Highway 40 Denton-Dallas Rd., 94,190 sq.yd. bituminous macadam, $50,000; paving and bridging 8.54 mi. Denton-Sherman Rd., 9,884 sq.yd. concrete paving, 512.36 cu.yd. Class A concrete, 155,378 lb. structural and 29,208 lb. reinforcing steel, $78,000. T. E. Huffman, co. engr.

Cal., Bakersfield—Oct. 31, Bd. Supervs. Kern Co., paving 6 mi. Reward Rd. Dist. 15, 8 in. concrete.

Cal., Stockton—Nov. 8, Bd. Supervs. San Joaquin Co., improving (1) 8.1 mi. Goose Valley Rd. from Clements to Amador Co. line, (2) 2 mi. Carlin Rd. (3) 1.5 mi. Tracy-Bethany Rd., $66,000, $18,080 and $7,975 respectively. F. E. Quail, co. surv.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., opened bids Oct. 18, grading and otherwise improving Jamaica Bay Blvd. from point 1,436 ft. south of center line of Sheridan Ave. to southerly U. S. bulkhead line of Jamaica Bay, excluding those portions to be privately graded, etc., 4th and 5th Wards, from Smith, Hauser & Mac Isaacs, Inc., 18 East 41st St., New York, $2,870,000; Raymond Concrete Pile Co., 90 West St., New York, $2,897,000; G. Colon & Co., 81 East 125th St., New York, $3,087,786. Noted Oct. 6.

N. Y., New York—Park Bd. at office Dept. Parks, Municipal Bldg., opened bids Oct. 20, paving driveway between 155th and Dyckman Sts., sheet asphalt on concrete, from C. D. Beckwith, Inc., 301 West 108th St., $165,435; Uvalde Asphalt Paving Co., 1 Bway., $182,565; Asphalt Constr. Co., 2197 Madison Ave., $183,360. Noted Oct. 13.

Pa., Phila.—For grading (1) Arlington, Berks, 52nd and 53rd Sts. (a) 30,147 cu.yd. grading, (2) Pentridge and Ridgewood Sts., (a) 6,718 cu.yd. (3) 16th St. and 68th Ave., (a) 13,803 cu.yd., (4) 19th St., (a) 2,062 cu.yd., (5) Hilltop Rd., Crefeld St., Rex and Shawnee Aves., (a) 13,133 cu. yd.; grading and paving (6) York Rd., (a) 4,995 cu.yd. grading, (b) 5,140 sq.yd. smooth dressed granite block, (c) 8,850 sq.yd. asphalt, (d) 2,860 cu.yd. cement concrete base, (e) 1,800 sq.yd. 3 in. bituminous macadam surface course, (f) 1,800 sq.yd. 5 in. crushed stone or slag base, (g) 2,500 sq.yd. cement concrete sidewalks, (h) 5,200 lin.ft. 8 in. unarmored 1:2:4 cement concrete curbing; paving (7) Florence Ave., (a) 5,083 sq.yd. asphalt, (8) Marshall St., (a) 1,525 sq.yd. asphalt, (9) Spencer St., (a) 1,899 sq.yd. asphalt, (10) Torresdale Ave., (a) 9,872 sq.yd. asphalt, (b) 1,755 cu.yd. cement concrete base, (11) Westmoreland St., (a) 7,753 sq.yd. asphalt, (b) 1,421 cu.yd. cement concrete base, (12) 15th St., (a) 1,792 sq.yd. asphalt, (13) 24th St., (a) 1,658 sq.yd. asphalt, (14) 27th St., (a) 2,766 sq.yd. asphalt, (15) Bristol and Cayuga Sts., (a) 4,610 sq.yd. asphalt, (16) Rector St., (a) 456 sq.yd. smooth dressed granite block, grading and improving (17) Henry Ave., (a) 2,817 cu.yd. grading, (b) 3,450 sq.yd. 5 in. crushed stone or slag base, (c) 3,450 sq.yd. 3 in. bituminous macadam surface course, (18) improving parkway between Callowhill and Spring Garden Sts., the Crescent and Fairmount Park, (a) 12,600 sq.yd. 2 in. bituminous macadam surface course, (b) 210 sq.yd. vitr. block gutters, (c) 2135 cu.yd. concrete base, (1:3:6 mix), (d) 1,700 sq.yd. concrete footway pavement, (19) Holme Ave. Bridge over Longford Ave. and Wooden Bridge Run, (a) 650 cu.yd. 1:3:6 concrete, (b) 170 cu.yd. 1:3:6 concrete, (c) 164 lin.ft. 1:2:4 concrete balustrades, from T. F. Crilley, (1a) $0.37; E. A. Mullin, (1a) $0.39; T. P. Lee, 5629 Cherry St., (1a) $0.43, (2a) $0.39; J. G. Meade Constr. Co., (2a) $0.55; J. J. McHugh, 1617 Race St., (2a) $0.56; (17c) $0.88; T. L. Flannigan, 1204 East Montgomery St., (3a) $0.41, (4a) $0.41, (5a) $0.635, (17a) $0.45, (17b) $0.73, (17c) $0.63; T. Connor, 3329 North 5th St. (3a) $0.42, (19a) $28, (19b) $40, (19c) $13; F. Mark Constr. Co., 2820 North 21st St., (3a) $0.43, (4a) $0.40; S. H. P. Reed, (4a) $0.46; Root Bros., (5a) $0.84; Barber Asphalt Paving Co., Land Title Bldg., (7a) $1.25, (8a) $1.45, (9a) $1.45, (10a) $1.45, (10b) $7.26, (11a) $1.25, (11b) $8.15, (12a) $1.50, (13a) $1.35, (14a) $1.25, (15a) $1.35, (6a) $0.71, (6b) $5.24, (6c) $1.07, (6d) $6.89, (6e) $1.50, (6f) $0.81, (6g) $1.89, (6h) $0.75, (18a) $0.90, (18b) $2.50, (18c) $5.63, (18d) $1.89; Union Paving Co., 37th and Spruce Sts., (7a) $1.27, (9a) $1.39, (10a) $1.35, (10b) $7.20, (11a) $1.37, (11b) $7.20, (12a) $1.35, (13a) $1.31, (14a) $1.33, (15a) $1.35, (6b) $5.20, (18a) $1.03, (18b) $2.40, (18c) $5.40, (18d) $1.85; Eastern Paving Co., Colonial Trust lBdg., (7a) $1.45, (8a) $1.55, (10a) $1.65, (10b) $7.80, (11a) $1.49, (11b) $7.50, (12a) $1.50, (13a) $1.57, (15a) $1.49, (6a) $0.79, (6b) $5.39, (6c) $1.27, (6d) $7.20, (6e) $1.20, (6f) $1. (6g) $2, (6h) $0.80, (18a) $1.15, (18b) $2.60, (18c) $7.20, (18d) $1.95; Mack Paving Co., Nicetown Lane and Chelten Ave., (8a) $1.67, (14a) $1.53; Curtiss Bros., Tacony Bank Bldg., (6a) $0.84, (6c) $1.27, (6d) $8.33, (6e) $1.60, (6f) $0.60, (6g) $1.80, (6h) $0.70, (17a) 0.54, (17b) $0.70; Fish Rutherford Co., Inc., Real Estate Trust Bldg., (19a) $2.02, (19b) $23, (19c) $16; C. P. Barron, (19a) $18.50, (19b) $23.50, (19c) $17.75; Centroni & Mezzola, Lincoln Bank Bldg., (16a) $6.20; A. J. Anderson, (16a) $7.20; B. Foster Co., 20th and Venango Sts., (17b) $0.80, (17c) $0.94; Connor & Leigh, (17a) $0.52. Noted Oct. 13.

North Carolina—State Hy. Comn., at div office Wilmington, opened bids Oct. 10, (1) clearing, grading and surfacing 7.64 mi. State Project 641, Pender Co., (2) grading, sand-clay surfacing, overhauling, etc., 1.56 mi. State Project 622, Columbus and Robeson Counties, (3) grading and sand-clay surfacing 11.22 mi. State Project 517, Columbus Co., (4) clearing, topsoiling, etc., 13.17 mi. State Project 623, Bladen Co., (5a) grading and concrete paving, (5b) rein.-con. bridges and culverts, on 3.35 mi. State Project 621, Robeson Co., (6a) clearing, grading and topsoiling, (6b) rein.-con. bridges and culverts on 15.56 mi. State Project 518, Pender Co., from C. G. Kershaw Constr. Co., Woodward Bldg., Birmingham, Ala., (1) $30,507, (4) $49,707, (6a) $60,343; Powell Paving & Constr. Co., Palmetto Bank Bldg., Columbia, S. C., (1) $32,438, (5b) $20,254; M. W. Cooper, Kinston, (1) $36,212, (3) $49,013; J. A. Kreis, Holston Bank Bldg., Knoxville, Tenn., (2) $21,431, (3) $39,355; L. A. Chitwood, 1109 Price St., Columbia, S. C., (2) $22,321; Southern Dray Co., Asheville, (2) $26,531; A. W. Mc Clay, 2400 Grove Ave., Richmond, Va., (3) $45,534, (5a) $108,379, (6a) $54,004, (6b) $10,634; J. F. Mulligan Constr. Co., North Wilkesboro, (4) $45,901; Porter & Peck, Greenville, (4) $350,407, (6a) $53,797, (6b) $11,988; C. W. Lacy, Wilmington, (5a) $106,046, (5b) $20,309; Roanoke Bridge & Iron Co., Roanoke, Va., (5b) $18,229; P. R. Ashby, Tucker Bldg., Raleigh, (5a) $109,582; Luten Bridge Co., 405 East 4th Ave., Knoxville, Tenn., (6b) $10,849. Noted Sept. 29 and Oct. 6.

Florida — State Rd. Dept., Tallahassee, opened bids Oct. 20, paving 10 mi. State Rd. 1, Federal Aid Project 24, between Lake City and Baker Co. line, Columbia Co. Bids were made upon a basis of (a) cash payment, (b) taking Columbia Co. bonds, from B. A. Inglis, 1012 Crescent Ave., Birmingham, Ala., 300 days, 5 in. plain concrete, 1-2-3 mix, (a) $240,814 (b) accept bonds at $.72; J. Y. Wilson

Streets and Roads (Continued)

Clark Bldg., Jacksonville, Fla., 150 days. 3 in slag penetration macadam on 8 in. compacted base, (a) $255,034, (b) $274,179; Clayton-Mitchell, Thomasville, Ga., 300 days, plain 6-in concrete, 1-2-4 mix. (a) $253,592, (b) $349,909. Noted Oct. 6.

Alabama—State Hy. Comn., Montgomery, grading and surfacing, loose gravel, 14.675 mi. Decatur-Tuscumbia Rd., Colbert Co., from J. W. Gwin, Hamilton Sta., Birmingham, $138,519; Nixon Transfer & Coal Co., Anniston, $145,160; R. L. Barthlemew, Memphis, Tenn., $151,882. Noted Sept. 15.

O., Cleveland—Paving (1) East 108th St. from Union Ave. to Elliott St., (2) Dunlap Ave., 5,470 lin.ft. curb and gutter, 3,900 cu.yd. earth excav., 73,550 sq.ft. vitr. brick on 6 in. concrete, (3) Forest Ave. from East 116th to East 123rd Sts., (4) East 115th St. from Buckeye Rd. to Forest Ave., 4,040 lin.ft. curb and gutter, 4,430 cu.yd. earth excav., 69,000 sq.ft. vitr. brick on 6 in. concrete, from Reiley Bros., The Arcade, (1) $18,159, (2) $26,049, (3) $24,879, (4) $17,996 E. Gedney, Addison Rd., (1) $18,209, (3) $24,490, (4) $18,000; Post Constr. Co., Fairchild Ave., (2) $26,292.

O., Cleveland—Paving (1) East 64th St. from Beaver to Grand Aves., (2) Rugby Rd. from Rodman Court to East 134th St., (3) Riverside Ave. from Fulton Rd. to West 45th St. (4) Dodge Court from Chester Ave. to end, 4,310 lin.ft. curb and gutter, 2,575 cu.yd. earth excav., 53,770 sq.ft. vitr. brick on 6 in. concrete (5) East 88th St. from St. Clair Ave. to west end, (6) Stoughton Ave. from Woodhill Rd. to East 102d St., (7) East 136th St. from Caine to Beechwood Aves., 4,970 lin.ft. curb and gutter, 4,160 cu.yd. earth excav., 36,540 sq.yd. vitr. brick on 6 in. concrete, from Reiley Bros., The Arcade, (1) $8,374, (2) $7,364, (3) $10,078, (4) $8,194 (6) $2,279, (7) $8,858; River Constr. Co., Schofield Bldg., (1) $8,781, (4) $8,333, Garland Bros., c/o Pavers Exch., Society for Savings Bldg., (2) $6,095, (5) $13,591; Roehl Bros. Paving & Constr. Co., West 25th St. and Clark Ave., (3) $10,533; Cleveland Trinidad Paving Co., The Arcade, (5) $12,716; Post Constr. Co., Fairchild Ave., (6) $20,301; Enterprise Paving & Constr. Co., 8444 Bway., (7) $9,258.

Missouri—J. D. Mohler, special highway engr., St. Joseph, opened bids Oct. 10, 7.44 mi. Saxton-Eason Rd., Buchanan Co., 8,983 cu.yd. earth excav., 153,180 yd. borrow, 112 cu.yd. concrete masonry, etc., from W. M. Spencer, Independence, $33,377; M. Costello, 1519 South 22nd St., St. Joseph, $33,786; C. W. Dillingham, 3011 Jule St., St. Joseph, $35,591.

CONTRACTS AWARDED

Connecticut—State Hy. Dept., Hartford, paving 16,270 ft. River Rd., Burlington, 18 ft. 3 in. bituminous macadam, using trap rock on 7 in. broken stone, to Acme Eng. Co., Box 440, Hartford, $115,000; 22,513 ft. Norwich-Westerly Rd., Norwich. 3 in. bituminous macadam, using local stone on 7 in. broken stone, to A. Vito Constr. Co., Thompson, $140,000. Noted Sept. 29.

Connecticut—State Hy. Dept., Hartford, paving 19,250 ft. Nichols Rd., Shelton, 18 ft., 3 in. bituminous macadam on 6 in. stone, to Natl. Constr. Co., 721 Main St., Hartford, $120,000.

Connecticut—State Hy. Dept., Hartford, paving 6,707 ft. Ellington Rd., South Windsor, 3 in. bituminous macadam on 4 in. stone, to G. T. Seabury Inc., 100 Summer St., Providence, R. I., $40,000.

Conn., Thompsonville—Bd. Selectmen paving portions Pearl, Main and Franklin Sts., asphalt, to Lane Constr. Co., 37 Colony St., Meriden, $35,000.

New York—H. S. Sisson, comr. State Hy. Dept., Capitol, Albany, improving 0.72 mi. Highway 8075 Chenango Co., to D. J. Hoose, Oxford, $50,957; 3.53 mi. Highway 8073, Essex Co., to F. E. Ellis, Melrose, Mass., $144,171; 1.09 mi. Highway 8074, Herkimer Co., to L. D. Sullivan Co., Inc., Utica, $37,182; 0.74 mi. Highway 8076, Orange Co., to Vonder Born & Rush, New York, $33,964; 1.07 mi. Highway 1604, Rockland Co., to C. Vanderbilt Genl. Contg. Co., West New Brighton, $40,307; 0.72 mi. Highway 1605, Seneca Co., to J. Johnson Constr. Co., 765 Abbott Rd., Buffalo, $26,474; 4.16 mi. Highway 8077, Steuben Co., to T. Sullivan & Di Pillo Constr. Co., Geneva, $182,851; 2.76 mi. Highway 1570, Westchester Co., to J. Dimando, Inc., 382 Mamaroneck Ave., Mamaroneck, $113,649; reconstructing 2.91 mi. Rep. Contr. 3002, Cattaraugus Co., to A. A. Howard, Fairport, $64,514; 4.51 mi. Rep. Contr. 3026, Schenectady Co., to Malloy Constr. Co., Schenectady, $80,046; 6.77 mi. Rep. Contr. 3014, Tioga Co., to Dale Eng. Co., Mann Bldg., Utica, $193,679. Noted Oct. 13.

N. Y., Brooklyn—Park Bd. at office Dept. Parks, Municipal Bldg., New York, improving main roadway of Ocean Parkway between Ave. W and Coney Island Creek Bridge, etc., here to Cranford Co., 52 9th St., $154,721. Noted Oct. 20.

N. Y., Brooklyn—Transit Constr. Comn., 49 Lafayette St., New York, restoring street and park surface over Eastern Parkway Subway extension, here, to M. J. O'Hara Contg. Co., 717 65th St., $171,500. Noted July 7.

N. Y., New York—H. H. Curran, pres. Manhattan Boro, Municipal Bldg., repaving Commerce St. and Minetta Lane, etc., to Sicilian Asphalt Paving Co., 41 Park Row, $7,125 and $7,383 respectively; East 56th and 97th Sts., to Interboro Asphalt Co., 233 Bway., $14,532 and $22,217 respectively; Liberty St., to M. I. Sachs, 246 South 9th St., Brooklyn, $22,856. Noted Oct. 13.

Pa., Philadelphia—To Ryan Constr. Co., Real Estate Trust Bldg., paving Cambria and 12th Sts., $41,263; United Paving Co., Colonial Trust Bldg., Meadow St., $5,244, Ontario St., $25,173; Barber Asphalt Paving Co., Land Title Bldg., Allegheny Ave., Hope, Madison and Miller Sts., $9,373, D St., $13,620; Union Paving Co., 37th and Spruce Sts., Ritner and 18th Sts., $21,233, 56th St., $6,982, Capitol, Dickinson, Tasker, Woodstock and 22d Sts., $19,400, Thompson and Wallace Sts., $16,300, Torresdale Ave., $63,033, 5th St., from Walnut to South Sts., and Urbana St., $25,348, 7th and 10th Sts., $25,697, 5th St. from South to Wharton Sts., $29,138; Eastern Paving Co., Colonial Trust Bldg, Lawrence Sts., $29,354, Master, Olive and 21st Sts., $28,715, Wyoming Ave., $34,650, Addison and Fulton Sts., $3,838, Springfield Ave., $6,357, Van Dike St., $3,880, Park Ave., $4,523, Limekiln Pike, $7,686, Eleanor St., $11,850; M. E. Meade, 4345 North 7th St., McGee St., $1,870; T. Connors, 3329 North 5th St., 10th St., $1,245; D. McMahon, Germantown and Chelten Aves., 66th Ave., $454; F. T. Buckins, Jr., Kensington and Deal Sts., Mountain, Pierce and Watkins Sts., $18,215; J. J. McHugh, 1617 Race St., Venango St., $22,781; Mack Paving Co., Nicetown Lane and Chelten Ave., Marvine St., $4,145; T. L. Flannigan, 1204 East Montgomery Ave., Bradywine, Wallace and 27th Sts., $21,377. Noted Oct. 6.

N. C., Rocky Mount—For 3.29 mi. bitulithic on 4 in. concrete, with concrete curb and gutter and storm sewers, to R. G. Lassiter & Co., Oxford, $238,233; 3.19 mi. 8-10 in. sanitary sewers, to L. D. Harper, Rocky Mount, $21,394. Noted Oct. 14.

Ohio—Dept. Hys. and Pub. Wks., Columbus, grading and paving 0.32 mi. Sect. "Medina North" I. C. H. 25, Medina Co., brick, to G. S. Mellert-Weidner Co., Medina, $23,562; 0.41 mi. Sect. "Seville" I. C. H. 25 Medina Co., concrete, to Dorris Constr. Co., 320 Metropolitan Bldg., Akron, $25,582; grading, building bridges and culverts on 2.028 mi. Sect. "P" Akron-Wooster Rd., Wayne Co., to Peters & Baird, Wadsworth, $27,026; 3.474 mi. Sect. "K" Orville-Northern Rd., Wayne Co., to Zeller & Drum, Swanton, $17,054. Noted Oct. 13 and 20.

O., Cleveland—Grading, curbing and paving East 144th St., to Gould & Maybach, 823 East 150th St., $33,522. Noted Oct. 20.

O. Cleveland—Grading, curbing and paving Jeffries Ave. from Warner Rd. to West End, Jeffries Ave. from Turney Rd. to East 86th St. and East 154th St., to Fischer & Williams, 16010 Lorain Rd., West Park, $17,485, $16,601 and $23,000 respectively; East 130th St. to A. M. Pejsa Paving Co., Essex Rd., Cleveland Heights, $52,440; Terwood Ave., to W. E. McHugh, c/o Pavers Exch., Society for Savings Bldg., $3,892; Ardmore Ave., to Roehl Bros. Paving & Constr. Co., West 25th St. and Clark Ave., $26,857. Noted Oct. 20.

O., Cleveland—Paving Bosworth Rd. and Fairchild Ave., to Cleveland-Trinidad Paving Co., The Arcade, $17,772 and $5,437 respectively; Rhodes Court, to Roehl Bros. Paving & Constr. Co., West 25th St. and Clark Ave., $8,015; Locust Ave., to Freshwater Constr. Co., Natl. Bldg., $17,229; East 133d and East 134th Sts., to Enterprise Paving & Constr. Co., 8444 Bway., $10,055 and $10,418 respectively. Noted Oct. 20.

O., Waynesburg—Stark Co. (Canton), paving ½ mi. road, 24 and 36 ft., brick on concrete, to Wise Bros., 1132 11th St., N. W., Canton, $40,355.

Ill., Winnetka—Paving Linden Ave., vitr. brick on concrete, to Farmer & Laing, Highland Park, $35,000. Noted Sept. 29.

Minn., Gaylord—Sibley Co. improving State Project 22-21, between here and Norseland about 132,000 cu.yd. excav. and concrete culverts, to Roach Constr. Co., Arlington, S. D., $14,631 and $18,275 respectively; metal culverts to Northfield Iron Co., Northfield, $959; Bridge 3669, 25 ft. deck on rein.-con. abutments, to A. Oddin, Grand Meadow, $4,950.

Minn., Minneapolis—Has appropriated $1,500,000 for paving. Work will be done by day labor. E. R. Dutton, asst. city engr.

S. D., Hot Springs—Grading, paving and guttering various streets, 31,300 sq.yd. concrete, to Allied Contractors, Inc., 404 Peters Trust Bldg., Omaha, Neb., $150,000. Noted Aug. 25.

Tex., Big Springs—Howard Co. grading and surfacing 34.2 mi. State Highway 1, to Womack Constr. Co., c/o R. S. Womack, Sherman, $250,734. Noted Oct. 20.

Tex., Jefferson—Marion Co. paving various streets, 18,000 sq.yd. 2½ in. vertical fiber brick, asphalt filler, on 4 in. concrete, to Panhandle Constr. Co., Lubbock, $74,340.

Tex., Livingston—Polk Co. grading and clearing 9.7 mi. State Highway 35, to S. T. Stanford, Kickapoo, $60,778. Noted Oct. 13.

Tex., Midland—Midland Co. grading and surfacing 26.91 mi. Bankhead Highway, State Highway 1, to Womack Constr. Co., c/o R. S. Womack, Sherman, $205,743. Noted Oct. 20.

Tex., Odessa—Ector Co. grading and surfacing 24.74 mi. State Highway 1, to Womack Constr. Co., c/o R. S. Womack, Sherman, $209,355. Noted Oct. 20.

Tex., Pecos — Reeves Co. grading and gravel surfacing 9.69 mi. State Highway 1 and 21.56 mi. State Highway 1 to W. E. Hamilton, Van Horn, $36,860 and $70,611 respectively. Noted Sept. 22 and Oct. 20.

Tex., Stanton—Martin Co. grading and surfacing 12.79 mi. State Highway 1, to Womack Constr. Co., c/o R. S. Womack, Sherman, $93,398; gravel to be furnished by county. Noted Oct. 20.

Okla., Okmulgee—Okmulgee Co. paving 5.8 mi. Co. Rd. Project 2, to Tiebets & Pleasant, Okmulgee, $100,000. Noted Oct. 6.

California — State Hy. Comn., Sacramento, to Northern California Constr. Co., Alturas, grading 2 mi. highway between west city boundary and Pine St. in Susanville, Lassen Co., $3,310; concrete paving 9.4 mi. highway between west boundary and 1 mi. north of Keystone, Tuolumne Co., 14,000 cu.yd. excav., $1.10, 11,500 cu. yd. concrete, $9.90, total $129,250. Noted Oct. 6.

Industrial Works

PROPOSED WORK

Conn., Hartford—Elite Waist Co., Allyn St., had plans prepared by I. A. Allen, Jr. Inc., archt., 904 Main St., 2 story, 90 x 100 ft. brick and steel addition to factory, plain foundation, High St. $50,000.

Conn., Hartford—J. Jacobsen, 1074 Broad St., having plans prepared by Berenson & Moses, archts., 1026 Main St., 1½ story, 80 x 145 ft., brick, steel and concrete garage, plain foundation, Broad St.

Conn., Waterbury—G. W. Russell, College Pl., plans 1 story, 60 x 135 ft., brick and steel garage, plain foundation. J. S. LaDow, 51 Leavenworth St., archt.

N. Y., Troy—Fitzgerald Bros. Brewing Co., Rivers St., having plans prepared by Ophuls, Hill & Mc Creery, archts, and engrs., 112 West 42nd St., altering cold storage building, brick, steel and concrete. $100,000.

D. C., Wash.—Heckman & Miller Co. had plans prepared by E. H. Mosher, archt., Munsey Bldg., for factory, 6th St. and Rhode Island Ave., N. W. $75,000.

Va., Norfolk — Anheuser Busch, Brooke Ave., had plans prepared by Ophuls, Hill & McCreery, archts. and engrs., 112 West 42d St., New York, additions and alterations to ice plant, brick, steel and concrete. $250,000.

O., Columbus—C. T. Dunkle Motors Co., 4th and Gay Sts., having sketches made 4 story, 125 x 136 ft. garage and service station, fireproof construction.

O., Dayton—W. D. Huber, 209 North Main St., plans 3 story, 120 x 200 ft., rein.-con.

Industrial Works (Continued)

and brick garage and business building, West 4th St. $175,000. Architect not selected.

Ill., Aurora—F. J. Fidler, 16 North La Salle St., plans 1 story, brick and steel garage. $40,000. Architect not selected. Industrial Works—

Ill., Belvidere—Belvidere Heating Co., c/o J. Myers, having plans prepared 2 story brick and steel factory $55,000. Architects name withheld.

Ill., Centralia—J. Longenfeld had plans prepared 2 story, 80 x 106 ft. garage, mill construction, $40,000. Architect withheld.

Ill., Chicago—Bronson-Canode Printing Co., 626 Federal St., plans 5 story, 50 x 142 ft. fireproof printing plant, Washington and Elizabeth Sts. $150,000. Architect not selected.

Ill., Chicago—Hannifin Mfg. Co., 621 South Kolmar Ave., takes bids in spring, 2 story, 90 x 160 ft. factory, rein.-con., brick and steel, Knox and Wellington Sts. $200,000. Private plans.

Ill., Elgin—Elgin Watch Co., 10 South Wabash Ave., Chicago, having plans prepared by Postle & Fischer, archts., 140 South Dearborn St., Chicago, 4 story, 30 x 374 ft. factory, 3 story, 40 x 432 ft. dormitory and 3 story, 100 x 150 ft. administration building, rein.-con. and brick, here, $1,000,000.

Ill., Peoria—Capitol Laundry Co., 108 South Madison St., having plans prepared by H. B. Dox, archt., Lehmann Bldg., 2 story, 50 x 150 ft. laundry, brick and steel. $50,000. N. Madigan, secy.

Ill., Peoria—Leshnick Directory Co., 514 Main St., having plans prepared by B. L. Hulsebus, archt., Jefferson Bldg., 2 story, 50 x 150 ft. printing plant, brick and steel. $100,000.

Ill., Peoria—J. C. Striebick Co., 212 South Washington St., having plans prepared 4 story, 61 x 100 ft., warehouse and office, rein.-con., and brick. $150,000. J. H. Floreth, pres. Architect's name withheld.

Wis., Hingham (Sheboygan P. O.)—P. Eernisse & Co. having plans prepared 2 story, 60 x 110 ft., brick, rein.-con. and steel garage. $40,000. Private plans.

Wis., Madison—M. P. Schneider, archt., 401 West Doty St., preparing plans for 1 story, 70 x 180 ft., brick and rein.-con., garage, warehouse and repair shop. $65,000. Owner's name withheld.

Wis., Milwaukee—Amer. Hide & Leather Co., 1320 Elston St., Chicago, having plans prepared by Lockwood, Greene & Co., archts. and engrs., 60 Federal St., Boston, Mass., for 6 story tannery and power house, rein.-con. and brick, plain foundation, Commerce St. Total including equipment $1,000,000. Noted Oct. 13.

Wis., Milwaukee—West Side Garage, 2310 Lisbon Ave., opens bids about Oct. 30, 2 story, 96 x 120 ft. garage and storage building, brick and concrete, plain foundation, Lisbon Ave. $50,000 to $60,000. Private plans.

Wis., Neenah—Dairymens Storage Co., c/o H. Krumrey, Plymouth, plans 3 story, 40 x 60 ft., cold storage plant, brick and concrete, plain foundation, here. $45,000. Architect not selected.

Ia., Shell Rock—W. M. Roe, Waverly, interested in company forming to develop hydro-electric power, here. $100,000. Holland-Ackerman & Holland, 53 West Jackson Blvd., Chicago, engrs.

Minn., Minneapolis—Murphy Transfer & Storage Co., Inc., 309 3rd Ave., N., plans 2 story, 70 x 160 ft., garage and office, brick and concrete, 4th St. and 9th Ave., N. $40,000. Architect not selected.

Kan., Council Groves—E. A. Roberts having plans prepared by C. W. Squires, archt., Emporia, 2 story 50 x 87 ft. brick and steel garage. $45,000.

Mo., Independence—Good Mom Products Co. plans 2 story, brick factory. $50,000. C. A. Birdsall, pres. Architect not selected.

Mo., Leeds—Kansas City Spiral Pipe Co., c/o E. J. Gordon, secy., Dwight Bldg., Kansas City, having plans prepared 1 story, 60 x 300 ft., steel and corrugated iron factory, here. $50,000. Architects name withheld.

Ont., Preston—E. B. Salyerds, plans to rebuild factory recently destroyed by fire. $50,000.

Mo., St. Louis—J. E. Dougherty, 127 Blow Ave., having plans prepared 2 story, 50 x 117 ft. brick and steel garage, 39th St. and McRee Ave. $45,000. Architects name withheld.

Mo., St. Louis—White Co., c/o W. C. Capen, mgr., 3442 Lindell St., having plans prepared by P. J. Bradshaw, archt., International Life Bldg., 1 story, brick and steel service station, 20,000 sq.ft. floor space, Laclede and Vanderventer Sts. $75,000.

Okla., Oklahoma City—New State Ice Co. had plans prepared by Ophuls, Hill & McCreery, archts. and engrs., 112 West 42d St., New York City, concrete, brick and steel ice plant. $300,000.

Okla., Oklahoma City—Missouri, Kansas & Texas Ry., Ry. Exch. Bldg., St. Louis, Mo., having plans prepared by A. L. Sparks, archt. c/o owner, 2 story, 45 x 600 ft., brick and steel freight depot. $90,000.

Tex., Wortham—See "Waterworks."

Ont., Brockville—E. F. Phillips Electrical Wks. Ltd., DeGaspe St., Montreal, Que., plans plant, here, cost between $2,500,000 and $3,000,000.

BIDS DESIRED

Pa., Phila.—Nov. 1, by J. E. Fieldstein, archt., 901 Walnut St., 3 story, 89 x 100 ft. rein-con., brick and steel garage and service station, plain foundation, Broad and Bainbridge Aves., for Walton Auto Supplies Inc.

O., Cleveland—Nov. 7, by Bd. Educ., East 6th St. and Rockwell Ave., steam heating plant for school, East 116th St. and Collett Ave. $150,000. W. R. McCornack, East 6th St. and Rockwell Ave., archt.

Ill., Chicago — P. Gerhardt, archt., 64 West Randolph St., receiving bids 2 story, 80 x 230 ft. auto service and sales building, concrete, steel, granite and terra cotta, 5725-31 Bway., for Kelly & McLin, c/o architect. $200,000.

CONTRACTS AWARDED

Mass., Dedham—Allen & McDonald, 110 State St., Boston, 1 story, 80 x 130 ft., concrete and brick garage, plain foundation, Eastern Ave., to Joslin & Landry, 161 Devonshire St., Boston. Noted Oct. 6 (Dedham Motor Mart).

Mass., South Boston—(Boston P. O.) W. S Langenbach, 303 Dorchester Ave., 1 and 2 story, 160 x 240 ft., brick and timber warehouse and office, plain foundation, Dorchester Ave., to Joslin & Landry, 161 Devonshire St., Boston, $100,000. Noted Dec. 16.

Mass., Springfield—Springfield Ice Co., 47 Dwight St., 1 story, 100 x 147 ft., brick and steel ice plant, to E. F. Carlson Co., 244 Main St.

R. I., Pawtucket — Fisk Drug Co., 200 Main St., 2 story, 60 x 90 ft., brick and steel plant, plain foundation, Main and Nashua Sts., to F. G. Rowley Co., 260 Central St. $40,000.

Conn., New Haven—Estate of E. Malley, 902 Chapel St., 1 story, 72 x 80 ft. brick and steel power house, plain foundation, Temple St., to Connor & Haggarty, Inc., 172 Norton St., $50,000. Noted Aug. 25.

Conn., Waterbury—H. Weyand Co., 16 Jefferson St., 3 story, 82 x 110 ft., brick and steel plant, plain foundation, Judd St., to O. Lacroix Constr. Co., 95 Bank St.

Pa., Braddock—B. Markovitz Baking Co. 3 story, 70 x 75 ft. bakery on Talbot Ave., to S. Pollock, 2550 Centre Ave., Pittsburgh; time and material basis.

Pa., Phila.—T. Berstein & Sons, Inc., 4 story, 58 x 60 ft. factory, brick, plain foundation, 1401 North 3d St., to Potts Bros. & Cooperson, 129 North 11th St., $48,000.

Pa., Phila.—Ivins Tube Wks. 1 story, brick, tile and steel mill, plain foundation, Oak Lane, Coventry and Chestnut Sts., by day labor, $250,000.

Pa., Pittsburgh—Air Reduction Co., 342 Madison Ave., New York, 2 story, brick, steel and stone plant, Ridge Ave., here, to Hughes-Foulkrod Co., 600 Oliver Bldg., $250,000. Noted Sept. 15.

Pa., Pittsburgh—Cunningham Sales Co., 510 Liberty Ave., 2 story, 85 x 100 ft. brick and stone garage and sales building to Toupet, Beil & Conley, 5814 Ellsworth Ave., $100,000. Noted Sept. 1.

Pa., Pittsburgh—Kingan & Co., 1121 Penn Ave., 4 story, 48 x 100 ft. concrete, brick and steel warehouse, to Hughes-Foulkrod Co., Oliver Bldg., $100,000. Noted Aug. 18.

Pa., Pittsburgh—North Pole Ice Co., 1218 West Carson St., 7 story, 160 x 192 ft. rein-con. and brick storage plant, to J. F. Love, Arrott Bldg., $400,000. Noted Sept. 1.

Pa. Pittsburgh—Union Ice Co., 124-126 West Ohio St., 1 story, 65 x 128 ft. brick and steel plant, Beaver Ave., to Rose & Fisher, 821 Pennsylvania Ave., $70,000.

Pa., Pottstown—Hydro United Tire Co., Pottstown, 2 story, 134 x 170 ft. rein.-con. brick and steel factory, plain foundation, to Graham & Wells, 3649 Filbert Sts., Phila., $100,000.

O., Cleveland—Simon Sign Co., c/o A. B. Meltzer, treas., 1729 East 12th St., 2 story, 43 x 120 ft., brick and steel factory, plain foundation, East 19th St. and Canton Court, to Gometz & Neshkes, 2233 East 89th St. $40,000.

O., West Park—F. and S. Paint & Varnish Co., Elmwood Rd., 3 story, 50 x 70 ft. brick and steel factory plain foundation, to G. A. Rutherford Co. 2725 Prospect Ave., Cleveland, $50,000.

Ill., Chicago—W. P. Doerr, archt., 28 East Jackson St., 1 story, 110 x 125 ft., garage, brick, stone and concrete, Princeton Ave. and 31st St., to Olson-Carson Co., 133 West Washington St., for R. Munizzo, 2904 South Wells St. $40,000. Noted Sept. 22.

Ill., Chicago—Hetzel & Co., 739 Larabee St., 4 story, 54 x 72 ft., factory, brick, concrete and stone, 1743 Larabee St., masonry and concrete to J. Rodaty, 209 South La Salle St., total $85,000. Noted Aug. 18.

Ill., Chicago — H. P. Rigger, 5514 Lake Park Ave., 1 story, 156 x 226 ft. garage, rein.-con., brick and steel, 2723-43 West Van Buren St., to H. E. Johnson, 446 East 76th St., $125,000.

Ill., East St. Louis—C. O. McCasland, 810 Chestnut St., St. Louis, Mo., 1 story, 70 x 120 ft. garage, brick, steel and concrete, 10th St. and Illinois Ave., here, to W. Sheets, 1212 Illinois Ave., $55,000.

Ill., Harvard—Cowen & Obert Garage, Crystal Lake, will build 1 story, 82 x 90 ft. garage, brick, steel and veneer tile, here, by day labor. M. A. Stafford, Harvard, archt.

Ill., Joliet—Pub. Serv. Co., 1 story, 60 x 100 ft. garage, rein.-con. and brick, to H. A. Bishop, 208 South La Salle St., Chicago, $40,000.

Wis., Eagle River—V. Krefl Mfg. Co., 3 story, 60 x 85 ft. factory, rein.-con. and brick, Main St., to H. V. Hertting, Inc., Dempsey Bldg., Manitowoc, $50,000.

Wis., La Crosse — Sisson, Sielstad, Hougen Co., 115 North Front St., 5 story, rein.-con. and brick warehouse, plain foundation, Front St., to C. W. Noble, 206 State Bank Bldg., $100,000.

Wis., Madison—T. Rosten & Co., 440 Clemens St., 1 story, 50 x 60 ft., brick, rein.-con. and steel machine shop and foundry, to G. Cnare & Sons, 2000 Jenifer, $40,000.

Wis., Milwaukee—J. Auchter, 1062 11th St., 1 story, 90 x 122 ft., brick and concrete garage, plain foundation, Oakland Ave., to R. Reisinger & Co., 464 Oakland Ave., $40,000.

Wis., Milwaukee—Ellis Lumber Co., 881 Clinton St., 2 story, 100 x 150 ft. warehouse, brick and timber, Clinton St., to S. J. Brockman, 444 Milwaukee St., $42,000, cost plus percentage basis. Noted Oct. 13.

Wis., Milwaukee—Luick Ice Cream Co., Ogden Ave. and Jackson St., 5 story, 60 x 60 ft., rein.-con. and brick factory, plain foundation, Ogden Ave., to T. Stark & Co., 425 East Water St., $75,000.

Wis., Milwaukee—S. Bodner, 546 4th St., 1 story, 62 x 154 ft., brick and concrete garage, plain foundation, 4th St., to M. Wachofsky, 539 4th St., $40,000.

Wis., Oshkosh—Fonte & Slater Co., 118 Main St., 1 story, 61 x 87 ft. garage and machine shop, rein.-con. and brick, Main St., to C. R. Meyer Son, 50 State St., $45,000.

Wis., Oshkosh—Waite Grass Carpet Co., 556 Mt. Vernon Ave., 1 story, 100 x 150 ft. warehouse, brick and timber, plain foundation, Monroe Ave., to C. R. Meyer & Son, 50 State St., $45,000.

Wis., Sheboygan — Northern Furniture Co., South Water and New Jersey Sts., 4 story, 50 x 100 ft. factory, brick, rein.-con. and steel, South Water St., to F. Gelb, 1439 South 9th St., $55,000.

Industrial Works (Continued)

Minn., Minneapolis—J. Cohen, 2015 Irving Ave., S., general contract 1 story, 132 x 158 ft., brick and concrete garage, Nicolett Ave. and 14th St., to Madsen & Peterson, 646 Builders Exch. Bldg., $35,250. Total $60,000.

Kan., Lawrence—Kansas University, c/o J. A. Kimball, business mgr., 2 story, 53 x 110 ft. electric laboratory, to Eberhart Constr. Co., Salina, $35,483. Noted Oct. 6.

Kan., Parsons—Missouri, Kansas & Texas Ry., Ry. Exch. Bldg., St. Louis, Mo., 1 story, reclamation plant, to T. H. Johnson, Sedalia, Mo. $166,000. Noted Oct. 6.

Kan., Wichita—Wichita Visable Pump Co., c/o E. P. Hayes, 701 Gilbert St., will build 2 story factory by day labor. $50,000. Noted Sept. 8.

Mo., St. Joseph—Grant Motor Co. 9th and Felix Sts., 1 story, 120 x 140 ft., brick and steel garage, 10th and Francis Sts., to S. Hotchkiss, 18th and Penn Sts., $55,000. Noted Oct. 20.

Mo., St. Louis—Chester Iron & Fdry. Co., 7800 Vulcan St., 1 story, 45 x 117 ft., brick and steel foundry, to G. Moeller, 3520 Itaska St., $40,000. Noted Oct. 20.

Mo., St. Louis—B. Gustavson, 1538 Tower Grove, 1 story, 41 x 175 ft., rein.-con. and brick garage, by day labor. $45,000. Wedmeyer & Nelson, Wainwright Bldg., archts. Noted Oct. 20.

California—State Hy. Comn., Sacramento, maintenance shop, 34th and 4th Sts., to M. E. Hopper & Son, Bacon Bldg., Oakland, $56,825.

Buildings

PROPOSED WORK

Me., Saco—School—School Bd. having plans prepared by H. S. Combs, archt., 11 Lisbon St., Lewiston, 2 story, brick and steel, Main St. $150,000.

Me., Saco — Temple — Masonic Temple Assn. plans brick and steel, Thornton Ave. $150,000. Architect not announced.

Vt., Newport—High School—School Dept. had plans prepared by Walker & Walker, archts., 101 State St., Montpelier, 2½ story, brick and steel, Main St. $150,000.

Mass., Fitchburg—School—School Comn. having preliminary plans prepared by J. D. Leland Co., archts., 366 Main St., Worcester, 3 story, brick, steel and concrete, Academy and Elm Sts. $400,000.

Mass., Forest Hills (Boston P. O.)—Court House—Pub. Bldgs. Dept. Boston having plans prepared by O'Connell & Shaw, archts., 18 Boylston St., Boston, 1 story, 80 x 160 ft., brick, stone and steel, Morton St., here. $275,000.

Mass., Newton — School — School Comn. having plans prepared by Brainerd, Leeds, Kellogg & Thayer, archts., 89 Franklin St., Boston, 2 story, 60 x 240 ft., brick and steel, Walnut St., $250,000.

Mass., Springfield — Business — Tarbell Watters Co., Inc., 160 Chestnut St., plans 5 story, brick and concrete, Chestnut and Bridge Sts. $150,000. Architect not announced.

Mass., Worcester — High School — Bd. Educ. having plans prepared by J .D. Leland, archt., 41 Mt. Vernon St., Boston, brick, Grafton St. $500,000.

Conn., Hartford—Business—I. A. Allen Jr., Inc., archt., 904 Main St., soon lets contract altering and building 5 story, concrete, brick and steel addition plain foundation. Pratt St., for I. Wise, 819 Prospect Ave. $170,000.

Conn., Hartford—Business—Estate of J. J. Goodwin, 36 Pearl St., receives bids in about 10 days, 2½ story, 110 x 110 ft., concrete, brick and steel, plain foundation, Haynes St. P. Goodwin, 4 East 39th St., New York, archt. Noted Sept. 15.

Conn., Hartford—Club, etc.—Knights of Phythias Building Com. plans 4 story, brick and concrete, High St. $400,000. J. K. Baskerville, pres. Architect not selected.

Conn., Hartford—School—Sts. Cyril and Methodius Church, 69 Governor St., having revised plans prepared by H. F. Ludorf, archt., Mutual Bldg., New Britain, 2 story, 70 x 150 ft., brick, steel and concrete, Groton St. $200,000. Noted July 28.

Conn., Hartford—Y. W. H. A., 98 High St., plans 4 story. $150,000 to $175,000. Architect not announced.

Conn., New Haven—Church and School—St. Brendens Roman Catholic Church, 380 Sherman Ave., having revised plans prepared by G. A. Zunner, archt., 182 High St., Hartford, 1 and 3 story, stone and steel Whalley and Ellsworth Aves. $300,000. Noted May 26.

Conn., New Haven—High School—Bd. Educ. c/o H. M. Greist of Greist Mfg. Co., Blake St., chn.com., plans 3 story, brick and steel, Emerson and Fountain Sts. $200,000. L. W. Robinson, 42 Church St., archt.

Conn., New Haven—Temple—Masonic Hall Assn., 87 Church St., having plans prepared by Norton & Townsend, archts., 839 Chapel St., and W. T. Arnold, associated archt., Hall & Lewis Bldg., Meriden, 4 story, brick, steel and rein-con., York St. $500,000. Noted Mar. 3.

Conn., Plainfield—High School—School Comn. having sketches made by W. T. Towner, archt., 366-5th Ave., New York, 2½ story, brick and steel, at Central Village. $150,000.

Conn. West Hartford — High School — School Comrs. having plans prepared by W. T. Marchant, archt., 36 Pearl St., Hartford, 2 story, brick and steel New Britain Ave. $150,000.

N. Y., Brooklyn—Bank—Roosevelt Savings Bank, Gates Ave. between Bway and Ralph Ave., having plans prepared by C. L. Otto, archt. and engr., 15 Park Row, New York, brick, steel and stone addition, plain foundation. $150,000.

N. Y., Buffalo—High School—Bd. Educ., Telephone Bldg., plans high school. $1,700,000.

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Buildings (Continued)

N. Y., New York—Apartment—One sixty-six West 75th St. Corp., c/o R. T. Lyons, archt. and engr., 342 Madison Ave., having sketches made 16 story, brick, steel and stone, plain foundation, 164 West 75th St. $600,000.

N. Y., New York—Bath House—Had plans prepared brick, steel and concrete, concrete pile foundation, 134th St. between Lenox and 7th Aves. $250,000. Private plans.

N. J., Long Branch — Hotel — R. Sheinberg and D. Zimmerman, c/o G. and E. Blum, archts. and engrs., 505 5th Ave., New York, having sketches made, hotel, on Boardwalk. $250,000.

N. J., Somers Point—Clubhouse—H. Y. Lake Ocean City, having preliminary plans prepared by C. De Armond, archt., 22 South 15th St., Phila., 2 story, brick, stucco and hollow tile, here. $300,000.

N. J., Trenton—Dining Hall, etc.—State Hospital Comn., having plans prepared by A. B. Mills, archt., 142 West State St., dining hall and kitchen, brick, concrete and steel, at State Hospital of Insane, here. $225,000.

Pa., Reading—Hospital—Reading Hospital, c/o C. W. Bachman, 221 North 6th St., having revised plans prepared by F A. Mullinberg, archt., 1713 Sansom St., Phila., rein-con., brick and steel, plain foundation Front and Spring Sts. $400,000. Noted July 28.

Md., Baltimore—Lodge and Club—I. O. O. F., c/o J. J. Oliver, 25 North Liberty St., having sketches made by W. C. Collett, archt., 50 Broomfield St., Boston, brick and steel, North Charles St. $150,000.

Md., Baltimore — Memorial — State and City Memorial Comn., Chamber Commerce Bldg., plan 110 x 180 ft., marble and limestone, City Hall Plaza. $900,000. L. H. Fowler, 347 North Charles St., archt.

Md., Frederick—Hotel—Frederick Hotel Co., c/o H. D. Etchinson, 116 Court St., having plans prepared by F. Webber, archt., 1421 Chestnut St., Phila., 7 story, 120 x 120 ft., concrete, brick and steel, plain foundation. $250,000.

N. C., Charlotte—Church-Dilworth Methodist Church plans brick or stone. $200,000. M. Helms, Charlotte, archt.

N. C., Fayetteville—School—State having plans prepared by W. G. Rogers, Trust Bldg., Charlotte, and S. Dixon, Fayetteville, associated archts., for administration building, girls dormitory, dining room, refrigerating plant and kitchen, power plant, laundry, industrial building and residence for president, all frame, at Negro State Normal School, here. $200,000. Noted June 16.

N. C. Lenoir—School—Soon takes bids 2 story, 30 x 220 ft., concrete, brick and stone. $200,000. Benton & Benton, Wilson, archts.

Ala., Birmingham — School — Bd. Educ. had plans prepared by Miller & Martin, archts., 1900 14th Ave. 3 story, 90 x 120 ft., 44th and 45th Sts., S. $162,000.

Ala., Birmingham — School — Bd. Educ. had plans prepared by L. Welton, archt., Amer. Trust Bldg., 2 story, 120 x 120 ft., Ave. G and 17th St. $150,000.

La., New Orleans — Hospital — Baptist Hospital Com. plans hospital on Napoleon Ave., $2,000,000.

O., Canton—Market—A. B. Flory, 600 Mulberry Rd., S. E., plans 2 story, 67 x 200 ft., 5th and Cleveland Sts., N. W. $200,000.

O., Cleveland—Apartment Hotel—L. W. Kelly, Hippodrome Bldg., having plans prepared by G. B. Post & Sons, archts., Hanna Bldg., 10 story, brick, steel and concrete, plain foundation, East 107th St. and Euclid Ave. $1,500,000.

O., Cleveland—Bank—Union Trust Co., c/o A. McGwynn, Citizens Bldg., had plans prepared by Graham, Anderson, Probst & White, archts., 80 East Jackson St., Chicago, 1 story, 62 x 130 ft., brick, steel and concrete, plain foundation, East 105th St. and Pasadena Ave. $150,000.

O., Cleveland — Commercial — Cleveland Printing Co., 1104 Prospect Ave., having plans prepared by Best & Hoefler, archts., Vickers Bldg., 4 story, 60 x 180 ft., brick and concrete, plain foundation, 1205 Bolivar Rd. $200,000.

O., Cleveland—High School—Bd. Educ., East 6th St. and Rockwell Ave., having plans prepared by W. R. McCormack, archt., East 6th St. and Rockwell Ave., 3 story, 250 x 300 ft., brick, steel and concrete, plain foundation East 152nd St. and St. Clair Ave. $1,500,000.

O., Cleveland—Store and Apartment—J. Roodman and H. L. Kollen, 12001 Tuscora Ave., having plans prepared 3 story, 80 x 120 ft., brick, plain foundation, Noble Rd. and New View Ave. $150,000. Architect's name withheld.

O., Louisville—School—Bd. Educ. having plans prepared by Thayer & Johnson, archts., 5716 Euclid Ave., Cleveland, 2 story, 18 room, brick steel and concrete, plain foundation. $200,000.

O., Mt. Vernon—Lodge—B. P. O. E. having plans prepared by Osborn Eng. Co., archts. an dengrs., 2848 Prospect Ave., Cleveland, 3 story, brick, steel and concrete, plain foundation. $150,000.

Mich., Detroit — Apartment — Detroit Constr. Co., c/o W. Hamacher, archt., 29 Rowland Bldg., had plans prepared 4 story, 70 x 120 ft. rein.-con., brick and steel, plain foundation, Virginia Park Ave., $150,000.

Mich., Hamtramck (Detroit P. O.)—Hospital—Village, c/o J. J. Gwizdowski, archt., 4461 Russell St., Detroit, had plans prepared 2 story, rein.-con., brick and steel, plain foundation, Amens Ave., $190,000.

Mich., Hamtramck (Detroit P. O.)—School—J. G. Kastler, archt., Detroit Savings Bank Bldg., Detroit, prepared plans 2 story, 80 x 120 ft. rein.-con., brick and steel, plain foundation, $150,000. Owners name withheld.

Ill., Adeline—School—Dist. 74, c/o J. Sibert, Leaf River, plans 2 story, rein.-con., brick and stone, here. $150,000. Architect not selected.

Ill., Alton—Orphanage—Catholic Orphanage, c/o M. A. Torrent, 417 Prospect Ave., having plans prepared by Wessebecker & Hillebrand, archts., Pontiac Bldg., St. Louis, Mo., 3 story, 75 x 120 ft., rein.-con. brick and stone, $150,000. W. J. Knight, Wainwright Bldg., St. Louis, Mo., engr.

Ill., Aurora—Temple—Aurora Lodge, A. F. & M., c/o E. M. Birch, 197 West Park Ave., having plans prepared by W. Q. Bendus & Co., archts., Steinway Hall, Chicago, 5 story, 92 x 150 ft., brick, stone and steel. $250,000. Noted Sept. 15.

Ill., Bloomington—Memorial—J. McBarnes, Holder, plans 2 story, rein.-con., brick, stone and steel, here. $150,000. Architect not selected.

Ill., Centralia—Office—Affiliated Masonic Lodges, c/o R. E. Hale, plan 5 story, brick, stone and steel. $250,000. Architect not selected.

Ill., Champaign — Hospital — St. Marys Parish having plans prepared by G. Ramey, archt., 201 Stern Bldg., 3 story, rein.-con., concrete pile foundation. $150,000.

Ill., Chicago—Apartment—I. O. Ackley, 1447 East 63rd St., plans 10 story, 125 x 125 ft., fireproof, Hyde Park Blvd. $1,000,000. Achitect not selected.

Ill., Chicago—Loft—Newhouse & Benham, archts., 4630 Prairie Ave., soon takes bids 6 story, 100 x 175 ft. steel and tile, Huron St. and Fairbanks Court, for S. Bauschbaum, c/o architect. $350,000.

Ill., Chicago—Theatre—A. Gumbiner, 10 South La Salle St., plans 100 x 140 ft., rein.-con., brick and steel, Sheridan Rd. and Lawrence Ave. $1,000,000. Architect not selected.

Ill., Clinton—Sanitarium—De Witt Co. plans 3 story, rein.-con. and brick. $200,000. C. Griffin, clk. Architect not selected.

Ill., Elgin — Dormitory and Administration—See "Industrial Works."

Ill., Evanston—Apartment—P. F. Olson, archt., 127 North Dearborn St., Chicago, preparing plans 3 story, 94 x 130 ft. rein.-con., brick and stone, here. $150,000. Owner's name withheld.

Ill., Freeport—High School—Bd. Educ. having plans prepared by J. Royer, archt., Flat Iron Bldg., Urbana, 2 story, rein.-con., brick and stone. $350,000. S. E. Raines, supt.

Ill., Greenville—Office—Farmers Equity Bldg., c/o C. H. Melton, having plans prepared by M. V. Kane, archt., Bohn Bldg., Edwardsville, 2 story, 120 x 145 ft., brick, stone and steel. $150,000.

Ill., Harvey — Theater and Store — W. Voss, Amer. Moving Picture Theater, having plans prepared by F. J. Saridakis, archt., 68 West Washington St., Chicago, 3 story, 100 x 125 ft., rein.-con., brick and stone. $160,000.

Ill., McHenry—High School—Bd. Educ., c/o O. G. Treadway, supt., plans 2 story, brick and stone, rein.-con. or steel frame. $150,000. Architect not selected.

Ill., Marengo—High School—Bd. Educ., plans 2 story, rein.-con., brick and stone. $150,000. Architect not selected.

Ill., Marion—Hotel—Stock company, c/o J. I. Gunn, secy., Chamber of Commerce, plans 4 sory, rein.-con. and brick. $160,000. Architect not selected.

Ill., Saybrook—High School—Bd. Educ. plans 3 story, rein.-con., brick and stone. $150,000. R. Cheney, secy. Architect not selected.

Ill., Wheaton—College—Wheaton College having plans prepared by Wolff-Sexton-Harper-Trueax, archts., 7 West Madison St., Chicago, 3 story, 90 x 235 ft. men's dormitory, $270,000, 3 story, 70 x 115 ft. girls' hall, $85,000, 2 story, 47 x 127 ft. history and English building, $97,500, 2 story, 54 x 74 ft. library, $57,000, 3 story, 45 x 190 ft. mens dormitory, $177,000, 3 story, 45 x 180 ft. womens dormitory, $148,000, 2 story, 45 x 55 ft. administration building, $61,000, 2 story, 84 x 170 ft. gymnasium, $120,000, 2 story, 82 x 136 ft. science hall, $171,000, 3 story, 90 x 170 ft. womens dormitory, $216,000, 3 story, 45 x 160 ft. side addition to mens dormitory, $143,000, 1 story, 60 x 120 ft. chapel, $190,000, 2 story, 47 x 92 ft. academy, $72,000, 2 story, 82 x 136 ft. engineering hall, $171,500, 1 story, observatory, $20,000 and 1 story power plant, $100,000. C. H. Blanchard, pres. Noted June 3.

Wis., Albany—High School—Bd. Educ., c/o E. P. Atherton, clk., having plans prepared by J. R. and E. J. Law, archts., Strand Theater Bldg., Madison, 2 story, 70 x 85 ft., brick, rein.-con. and steel. $150,000.

Wis., Birchwood — High School — Bd. Educ., c/o N. F. Damon, secy., having plans prepared by E. Tough, archt., 24 East Mifflin St., Madison, 2 story, 60 x 185 ft., brick and rein.-con. Bonds for $150,000 voted for project.

Wis., Burlington — High School — School Bd. plans 2 story, 100 x 200 ft. brick and concrete, plain foundation. $150,000. N. Karcher, clk. Architect not selected.

Wis., Chilton—Club House, etc.—R. O. Grassold Post Amer. Legion, plans 2 story, 60 x 150 ft., brick, rein.-con. and steel. $150,000. Architect not selected.

Wis., Cudahy — Grade School — School Bd. plans 2 story, brick and concrete, plain foundation. $165,000 will mature next spring. F. H. Williams, pres. Architect not selected.

Wis., Madison—Chemistry—Bd. Regents University of Wisconsin, c/o M. E. McCoffery, secy., Administration Bldg., having plans prepared by A. Peabody, archt., State Capitol, for 4 story, 60 x 200 ft., rein.-con., steel and brick, at University. $150,000.

Wis., Madison—Church—First Church of Christ Scientist having plans prepared by F. M. Riley, archt., 24 East Mifflin St., 3 story, 54 x 126 ft., rein.-con. stone and brick. $150,000.

Wis., Madison—Church and Club House—Presbyterian Students Assn. c/o R. Riemann, 711 State St., plans 2 and 3 story, 60 x 150 ft., stone, rein.-con. and brick. State St. $150,000. Architect not selected.

Wis., Madison—Hotel—Park Hotel Co., 22 South Carroll St., plans 7 story, 50 x 500 ft., brick and rein.-con., Carroll St. $750,000. Architect not selected.

Wis., Madison—Memorial Hospital—State Bd. Control, c/o M. J. Tappens, secy., Capitol Bldg., having plans prepared by A. Peabody, archt., State Capitol, 2 and 3 story, 40 x 100 ft., rein.-con. and brick, Mendota St. $350,000.

Wis., Madison—Office—Madison Bond Co., 201 Gay Bldg., plans 4 or 5 story, 65 x 130 ft., brick and rein.-con., East Johnson St., $150,000. V. H. Arnold, pres. Architect not selected.

Wis., Madison — Sanitarium — Madison Sanitarium having plans prepared by F. M. Riley, archt., Conklin Bldg., 3 story, 40 x 150 ft., rein.-con., steel and brick addition, South Madison St. $150,000.

Wis., Madison—Temple—Madison Masonic Lodges, J. Croscot, vice-pres., Madison Electric Co., 120 East Main St., having plans prepared by J. R. and E. J. Law, archts., Strand Bldg., 2 story, 60 x 85 ft., brick, rein.-con. and stone. $200,000.

Wis., Madison—Theater—M. Heiman, c/o S. Hanke Co., Bank of Wisconsin Bldg., plans 1 and 2 story, 35 x 125 ft. rein.con., steel and brick 216 State St. $250,000. Architect not selected.

Buildings (Continued)

Wis., Merrill—High and Grade Schools—School Bd. rejected bids opened Oct. 12, for addition to high school and new grade school. $190,000 and $70,000 respectively. Work will be readvertised. Parkinson & Dockendorff, Linker Bldg., LaCrosse, archts. Noted Oct. 20.

Wis., Milwaukee—Grade Schools—School Bd., 10th and Prairie Sts., having plans prepared by Van Ryn & DeGelleke, archts., 114 Grand Ave., 3 story, on Pease and Franklin Sts., and 2 story addition on Hi Mount Blvd., both brick and concrete, plain foundations, $250,000 and $155,000 respectively. Will mature next spring.

Wis., Milwaukee—School and Club—Talmud Torah Hebrew School, 726 Central St., having plans prepared by M. Fernekes, archt., 97 Wisconsin St., 2 story, brick and concrete, plain foundation, 11th and Vine Sts. $150,000.

Wis., Milwaukee—Store and Loft—Conro Estate, 425 East Water St., having plans prepared by R. Razall, archt., 114 Grand Ave., for 3 story, 80 x 110 ft., rein.-con. and brick, plain foundation, Bway. $150,000.

Wis., Reedsburg—Theater—O. V. Kelly, Majestic Theater, plans 2 story, 60 x 185 ft., brick, rein.-con. and steel. $150,000. Architect not selected.

Wis., Sheboygan—Theatre—E. Hoefer, 710 North 8th St., having plans prepared by W. C. Weeks, archt., 720 Ontario Ave., 1 and 2 story, 50 x 110 ft., rein.-con. and brick, 8th and Ontario Sts. $150,000. Noted Oct. 6.

Ia., Langdon—School—Bd. Educ., having plans prepared by Keffer & Jones, archts., Masonic Temple, Des Moines, 2 story, brick, stone and rein.-con. $150,000. E. Bassett, secy.

Minn., Albert Lea—Lodge—I. O. O. F., c/o C. J. Dudley, member Bldg. Comn., plans 4 story, 100 x 122 ft., rein.-con., brick, tile and stone, Newton and Williams Sts. $175,000. Architect not announced

Minn., Duluth—Hospital—E. C. Congdon, chn. Bldg. Com. St. Lukes Hospital Assn., 901 East 1st St., opens bids about Feb. 1, 6 story, 100 x 200 ft., rein.-con., steel and brick addition, 1st St. and 9th Ave. E. $750,000. Architect not selected.

Minn., Minneapolis — Theater — Walker Pence Co., 807 Hennepin Ave., plans 8 story, rein.-con., brick, tile and stone addition, 8th St. and Hennepin Ave. $200,000. Architect not announced.

Minn., Stillwater — Community — City plans 2 story, 110 x 150 ft., rein.con., brick and tile, Olive and Chestnut Sts. $150,000. Architect not announced.

Kan., Coffeyville — High School — Bd. Educ., c/o H. E. Martin, pres., having plans prepared by A. T. Simmons, archt., 1st Natl. Bank, Bloomington, 2 story, rein.-con. and brick, stone trim. $250,000.

Kan., Emporia—Memorial—Com. State Normal Student Alumni Memorial having plans prepared by R. Gamble, archt., 1415 Fillmore St., Topeka, 3 story, brick, rein.-con. and stone. $150,000.

Kan., Goodman — High School — Rural High School Dist., C. A. Stratton, c/o Court of Appeals, Court House Kansas City, plans 2 story $150,000. Architect not selected.

Kan., Topeka—High School—Bd. Educ. having plans prepared by C. D. Cuthbert, archt., 735 Kansas Ave., 2 or 3 story, brick, stone and rein.-con., 12th and Boswell Sts. $100,000 to $150,000. Noted Sept. 8.

Neb., Hebron—Gymnasium and Auditorium—Hebron Academy, c/o W. L. Young, secy., having plans prepared by G. A. Berlinghof, archt., Orpheum Bldg., Lincoln, 2 story, rein.-con., brick and stone. $150,000.

Mo., Carthage—Jail—Jasper Co., c/o F. B. Newton, co. engr., plans 2 story, brick, steel and stone. $150,000. Architect not selected.

Mo., Kansas City—Hotel—Clark Estate Co., 3312 Bway., having plans prepared by W. W. Ahlschlager, archt., 65 East Huron St., Chicago, 12 story, brick, steel and terra cotta. $2,700,000.

Mo., Kansas City—Store and Apartment—H. Barker, 15th and McGee Sts., having plans prepared by J. G. Braecklin, archt., 604 Minnesota Ave., 2 story, 40 x 140 ft., rein.-con., brick and steel, 15th and Jackson Sts. $150,000.

Mo., St. Louis—Apartment—H. A. Jacobs (owner and archt.), Title Guaranty Bldg., soon lets contract 3 story, 88 x 125 ft. rein.-con., brick and stone. $150,000. Noted Oct. 13.

Mo., St. Louis—Hospital—St. Johns Hospital, 307 South Euclid Ave., having plans prepared by Barnett, Haynes & Barnett, archts., Century Bldg., 3 story, rein.-con., brick and stone, Kingshighway and Audubon Ave. $200,000.

Mo., St. Louis—Office and Store—Grand & Washington Real Estate Co., c/o J. C. Campbell, 104 North 7th St., having plans prepared by P. J. Bradshaw, archt., International Life Bldg., 5 story, rein.-con.. brick and stone, Grand and Washington Sts. $270,000. Noted Sept. 15.

Mo., St. Louis—High School—Bd. Educ., Bd. Educ. Bldg., having plans prepared by R. N. Milligan, archt., c/o owner, 3 story, 110 x 142 ft., rein.-con. and brick. Hartford and Wyoming Sts. $200,000.

Mo., Springfield — Temple — Ben Adhem Shrine, c/o G. Glendorf, Landers Bldg., having revised plans prepared by Heckenlively & Mark, archts., Landers Bldg., and soon takes bids 3 story, 140 x 267 ft., rein.-con. and steel, St. Louis and Kimbrough Sts. $300,000. Former bids rejected. Noted Sept. 29.

Col., Colorado Springs—Auditorium—Will take bids in November for auditorium. $300,000. C. E. Thomas, McLaren & Hetherington, 322 Hagerman Bldg., archts. Noted July 7.

Wash., Seattle—Lodge—Greater Masonic Temple Assn., Harvard and Pine Sts., plans lodge. $1,000,000.

Wash., Seattle—Office—A. H. Albertson, archt., Henry Bldg., opens bids about Jan. 1, 6 story, 136 x 175 ft., concrete and steel, 5th and Union Sts., for Metropolitan Bldg. Co., 1301 4th St. $400,000.

Wash., Tacoma — Church, etc. — First Presbyterian Church, 10th and G Sts., having sketches made by Sutton, Whitney & Dugan, archts., 1112 Rust Bldg., for 130 x 274 ft., church, parsonage, chapel and office, brick and stone, Tacoma and Division Aves., $250,000.

Cal., Glendale—Schools—Voted $260,000 bonds, eight 1 story brick and masonry, grammar schools. Architect not selected.

Cal., Long Beach — Apartment — R. H. Young and associates, 510 Long Beach Trust & Savings Bank Bldg., plan 8 or 12 story, 134 x 135 ft., Ocean Ave. and Cedar Way. $700,000. Architect not selected.

Cal., Los Angeles — Church — Immanuel Presbyterian Church, c/o C. F. Skilling, archt., 430 Bradbury Bldg., having plans prepared 4 story, 80 x 160 ft., rein.-con., terra cotta and steel, 10th and Figueroa Sts. $200,000. Main structure 6 story, Class A building, costing $500,000, will be started as soon as above is completed.

Que., Montreal—Hospital—Montreal Unit of Shriners Hospital for Crippled Children, plans hospital, $250,000. W. F. Kendrick, 1337 Spring Garden St., Phila., Pa., P. D. Gordon, 1 Church Hill Ave., and A. M. Forbes, 615 University Ave., in charge.

Que., Montreal — Hotel — Queens Hotel Ltd., Windsor St., having plans prepared by J. S. Archibald, archt., Dorchester St. W., stone, brick and steel, St. James and Windsor Sts. $200,000.

Que., Montreal—Office—Marcil Trust Co., 288 St. James St., having plans prepared by H. W. Davis, archt., 80 St. Francis Xavier St., 7 story, concrete, steel and terra cotta addition, Victoria Sq. and St. James St. $350,000.

BIDS DESIRED

Mass., Sunderland—School—Nov. 5, by A. C. Warner, chn. 8 room school. K. S. Putnam, Bement Bldg., Northampton, archt., adv. this issue.

Conn., Meriden—Church—J. A. Jackson, archt., 660 George St., New Haven, receiving bids 1 story, 65 x 125 ft., brick, steel and concrete, Center St., for St. Rose Roman Catholic Church, c/o J. J. Neale, 35 Center St. $150,000.

N. Y., Ithaca—Insectary, etc.—Nov. 19, by C. D. Bostwick, comptroller Cornell University, insectary and cold storage plant for Dept. of Pomology, New York State College of Agriculture, here. L. F. Pilcher, Capitol, Albany, state archt.; adv. this issue.

N. Y., New York — Apartment—Active Development Co., 277 Bway., 5 story, 50 x 110 ft., brick, steel and stone, plain foundation, West 71st St. $200,000. Work will be done by separate contracts. J. M. Felson, 1133 Bway., archt. and engr.

O., Canton—High School—Nov. 2, by Bd. Educ., 3 story, 144 x 226 ft., brick, steel and concrete, plain foundation, 6th St. $400,000. G. Hammond, 705 Rose Bldg., Cleveland, archt. Noted June 9.

O., Cleveland—Commercial—Euclid Prospect Co., 2422 Euclid Ave., receiving bids 5 story, brick, steel and concrete addition, plain foundation. $150,000. A. G. McKee Co., 2422 Euclid Ave., archts.

O., Cleveland—Commercial—Herco-Realty Co., c/o A. E. Keller, archt., 4501 Euclid Ave., receiving bids 4 story, brick, steel and concrete, plain foundation, East 105th St. and Euclid Ave. $150,000.

O., Lorain—School—Nov. 7, by Church of Nativity, 3 story, 66 x 90 ft., brick, steel and concrete plain foundation, J. E. Potter 802 The Arcade Cleveland, archt. Noted July 7.

Mich., Big Rapids—Armory—Nov. 1, by L. Pearson, major Q. M. C., State Militia Bd., Lansing, 2 story, 100 x 150 ft. brick, steel and stone, plain foundation here. $150,000. F. S. Forster, 34-35 Lyman Blk., Muskegon, archt.

Ill., Chicago—Dance Hall—Rapp & Rapp, archts. 190 North State St., receiving bids 3 story, 100 x 210 ft. rein.-con., brick and steel, 62nd St. and Cottage Grove Ave., for A. Kargas, 63rd St. and Cottage Grove Ave. $700,000.

Ill., Chicago — Office — Kelly-Jones Co., owners and archts, 155 North Clark St., receiving bids 2 story, 70 x 200 ft., rein.-con., brick and steel, 2436 West 15th St., $250,000.

Ill., Chicago—Office—S. Rubin, 3221 Douglas Blvd., receiving bids, 2 story, 110 x 141 ft., rein.-con., brick, steel and terra cotta, Roosevelt Rd. and Avers Ave. $150,000. Dubin & Eisenberg, 14 West Washington St., archts.

Ill., Chicago—School—T. P. Bona, c/o A. Foster, archt., 56 East Randolph St., receiving bids 3 story, 71 x 100 ft. school and 1 story, 20 x 71 ft. heating plant, brick and stone, 33d and Morgan Sts. $175,000.

Ill., Chicago—Theatre and Office—Rapp & Rapp, archts., 190 North State St., receiving bids 2 story, 108 x 125 ft., rein.-con., steel, brick and terra cotta, North Ave. and Halsted St., for Prudential Theatre Co., c/o architects. $400,000.

Ill., La Grange—High School—Nov. 7, J. C. Llewellyn, archt., 38 South Dearborn St., Chicago, 3 story, rein.-con., brick and stone addition, Lyons Twp., for Bd. Educ., here, $150,000.

Wis., West Bend—Business—A. C. Fuge Hardware Co. and J. E. Hennen, archt., Fond du Lac, receiving bids 3 story, 85 x 120 ft., brick and concrete, plain foundation. $150,000.

Minn., Duluth—Temple—Feb. 1, by W. H. Hoyt, chn. Bldg. Com. Scottish Rite Masonic Temple, 2d St. and Lake Ave., 4 story, 126 x 186 ft., rein.-con., steel and brick, London Rd. and 13th Ave. E. $500,000. G. D. Mason, 508 Griswold St., Detroit, Mich., archt. and engrs. Noted June 23

Cal., Riverside—Memorial—Nov. 15, to vote on $200,000 bonds for memorial building. H. C. Cree, city clk.

Cal., San Francisco—School—Nov. 16, by Bd. Pub. Wks., 3 story, rein.-con. addition to Mission High School, 18th St. between Dolores and Church Sts. Segregated bids will be taken for general contract $400,000, plumbing $22,000, electric work $25,000, heating and ventilating $16,000. J. Reid, Jr., city archt.

Ont., Gravenhurst—Hospital—Nov. 1, by Natl. Sanitorium Assn., 372 Spadina Ave., Toronto, 3 story, 200 room, H shaped, brick, concrete, steel and hollow tile, here. $600,000. C. S. Cobb, 71 Bay St., Toronto, archt.

BIDS RECEIVED

Mass., Roxbury (Boston P. O.)—Courthouse—Dept. Bldgs., City Hall Annex, Boston, 1 story, 78 x 166 ft., concrete, stone and steel, Morton St., from Coblo & Griffin, 46 Cornhill St., Boston, $211,000; T. O'Connor Co., Cambridge, $217,000; F. G. Coburn, 294 Washington St., Boston, $224,800.

N. Y., New York—School—Bd. Educ., 500 Park Ave., opened bids Oct. 24, P. S. 58, East 176th St. and Washington Ave., from P. J. Brennan & Son, 624 Madison Ave.,

Buildings (Continued)

$271,730; J. T. Brady & Co., Inc., 103 Park Ave., $272,840; A. W. King & Co., Inc., 81 East 125th St., $276,618. Noted Oct. 20.

N. J., Camden—School—Bd. Educ., City Hall, opened bids Oct. 17, 2 story, 106 x 207 ft., granite and terra cotta, plain foundation, 32d and Hayes Sts., from H. J. Homans, 34 South 17th St., Phila., $196,750; W. Lurker Co., 735 Cherry St., Phila., $199,400. Noted Oct. 13.

O., Toledo—High School—Bd. Educ., Administration Bldg., opened bids Oct. 19, Southside School, 2 story, rein.-con. and brick, (a) general contract, (b) electrical work, (c) heating and ventilating, (d) plumbing work, from H. J. Spieker & Co., Elm and Utica Sts., (a) $803,000; A. Bentley & Sons Co., 201-31 Belmont Ave., (a) $839,000, (c) $64,990, (d) $53,990; A. Bollin & Co., Cleveland, (a) $895,000; R. H. Winters Electric Co., 918 Jackson Ave., (b) $32,700. Noted Oct. 6.

Mich., Detroit — Hospital — Detroit Bd. Health, 1415 St. Antoine St., 2 story, rein.-con., brick and steel addition on Hamilton Blvd., from A. W. Kutche, 623 Ford Bldg., $176,973; Culbertson & Kelly, 872 West Milwaukee Ave., $179,420; Walbridge Aldinger Co., 2356 Penobscot Bldg., $132,029. Noted Oct. 6.

CONTRACTS AWARDED

Conn., Bridgeport—Parish Hall, etc.—Olivet Congregational Church, 2140 Main St., 3 story, 45 x 125 ft., brick, concrete and steel, Main St. and North Ave., to T. J. Pardy Contr. Co., 1481 Seavew Ave., $150,000. Noted Sept. 29.

Conn., Middletown — Ward — Connecticut Hospital for Insane, South Farms, 2 story, 100 x 235 ft., brick, concrete and steel, plain foundation to H. W. Lines Co., 134 State St., Meriden, $325,000. Noted Oct. 6.

Conn., New Britain—Hospital—New Britain General Hospital, 92 Grand St., 3 story, 50 x 110 ft., brick, concrete and steel additions, to H. W. Lines Co., 134 State St. Meriden, $350,000. Noted Mar. 10.

Conn., Norwich—Ward—Norwich State Hospital for Insane, 2 story, 100 x 195 ft., brick, concrete and steel, to Torrington Bldg. Co., 197 Water St., Torrington, $250,000. Noted Oct. 13.

Conn., Shelton—High School—Bd. Educ., 2 story, brick and steel, plain foundation, Hill St., and Coram Ave., to M. A. Durrschmidt, Main St., Derby, $150,000.

Conn., West Hartford—School—Kingswood School, 351 Farmington Ave., four class buildings, administration building, gymnasium, refectory and servants building, brick, steel and concrete, plain foundations, Outlook Ave., to Bent-Bartlett Co., 43 Ann St., Hartford, $600,000. Noted May 19.

Mass., Boston—Exchange—New England Telephone & Telegraph Co., 101 Milk St., 3 story, 40 x 59 ft., and 1 story, 59 x 175 ft. additions, brick, Belvidere St., to F. T. Ley & Co., 24 Milk St., $150,000. Noted Sept. 29.

Mass., Boston—Office—Harris, Forbes & Co., 35 Federal St., 11 story, concrete, limestone, brick and steel, plain foundation, Federal St., to G. A. Fuller Co., 131 State St., $350,000. Noted Aug. 4.

Mass., Dover—Library and Town Hall—N. W. Comiskey, chn com., 2 story, 40 x 140 ft., brick, stone and steel, plain foundation, Springdale Ave., to E. A. Abbott Co., 3 Park St., Boston. $150,000. Noted Mar. 3.

Mass., North Adams—Grade School—School Bldg. Dept., 2½ story, brick and steel, State St. to J. G. Roy & Sons Co., 21 Silver St., Springfield, $150,000. Noted Sept. 22.

N. Y., Brooklyn — Apartment — West Bway. Renting Corp., c/o Springsteen & Goldhammer, archts. and engrs., 32 Union Sq., New York, 5 story, 100 x 100 ft., brick, steel and stone, plain foundation, East 13th St., here, by day labor. $150,000.

N. Y., Kew Gardens (Jamaica P. O.)—Apartment—Kew Bolmer, Inc., c/o Bloch & Hesse, archts. and engrs., 18 East 41st St., New York, 4 story, brick, steel and stone, plain foundation, Queen Blvd., here, to E. Outwater, Inc., 516 5th Ave., New York. $225,000.

N. Y., New York—Apartment—Alamb Corp., 550 West 20th St., 9 story, brick, steel and stone, plain foundation. East 88th St. near 5th Ave., to T. J. Steen, 447-5th Ave., $750,000.

N. Y., New York — Apartments—Barry Bros., 391 East 149th St., two 5 story, brick, steel and stone, plain foundations, 196th St. and Morris Ave., by day labor. $150,000 each. Margon & Glaser, 2806 3d Ave., archts. and engrs.

N. Y., New York — Apartment—Demont Realty Co., c/o De Rose & Cavalieri, archts. and engrs., 370 East 149th St., 5 story, brick, steel and stone, plain foundation, Tremont Ave., by day labor. $150,000.

N. J., Atlantic City—Hotel—Marshall & Pennell, engrs., 1310 Arch St., Phila., 5 story, 30 x 75 ft. rein.-con. brick and steel addition, plain foundation, Virginia Ave. and Beach, here, to N. W. Naurer, 126 New York Ave., for P. F. Cope. $200,000. Noted Oct 6.

Pa., Homestead—Hospital—Boro. 3 story, 71 x 222 ft. and 40 x 45 ft. rein.-con., brick and steel, Hays St., to Williams & Haas, 408 Empire Bldg., Pittsburgh, $200,000. Noted Mar. 31.

Pa., Mt. Lebanon—School—School Dist. Mt. Lebanon Twp. 3 story, brick and steel, Washington Rd., to J. G. Fullman, E. E. Trust Bldg., Pittsburgh, $200,000. Noted Sept. 8.

Pa., Phila.—Apartment—J. L. Hendricks, Real Estate Trust Bldg., two 2 story, 27 x 65 ft. brick, stone and terra cotta, plain foundations, Walnut Lane and Wayne Ave., by day labor. $250,000.

Pa., Phila.—Church—Holy Name of Jesus Roman Catholic Parish, 1 story, brick, steel and stone, Kensington St., to M. Melody & Sons, 1322 Race St. $250,000. Noted Sept. 15.

Pa., Pittsburgh—Schools—Bd. Educ., Fulton Bldg., 1, 3 and 4 story, 234 x 235 ft. and 50 x 102 ft. brick and stone, Monticello and Murtland Sts., to P. H. Kelly Constr. Co., 1713 Samson St., Phila., $852,000; 2 and 3 story, 77 x 316 ft. and 61 x 66 ft., brick and rein.-con., Greenfield Ave., to A. and S. Wilson, 541 3rd Ave., cost between $300,000 and $400,000; 3 story, 130 x 240 ft., brick and steel, Perrysville Ave., to Williams & Haas, Empire Bldg., $452,522. Noted Sept. 22.

D. C., Wash.—Apartment—F. P. Milburn, Union Savings Bank Bldg., 8 story, fireproof construction, 16th St., between K and L Sts., to J. L. Parsons, Jr., Southern Bldg., $300,000.

N. C., Durham—Schools—Bd. Educ., high school for whites and graded school for colored, fireproof construction, to Salmon, Shipp & Poe, Durham, $434,792 Noted Sept. 29.

N. C., Morgantown — Hospital — State Hospital for Insane, 2 story, 59 x 184 ft., to Goode Constr. Co. West 3rd St., Charlotte, $300,000.

Miss., Jackson — Biology — State Bond Impvt. Comn., biology building, at A. & M. College, here, to W. T. Stout, Jackson, $144,454.

O., Canton—High School—Bd. Educ., 3 story wing to J. H. Lehman Junior High School, rein.-con., brick and steel, 14th and Oxford Sts., to Melbourne Bros., 151 Clark Bldg., $202,335. Noted Oct. 13.

O., Cleveland—Commercial and Apartment—J. Hoppert, 1263 East 187th St., 2 story, 125 x 127 ft., brick and steel, plain foundation, 18614 St. Clair Ave., to L. Cort, 19607 Nottingham Rd., $150,000. Noted Sept. 29.

O., Cleveland—Commercial—M. Marmorstein, Natl. City Bldg., 2 story, brick, steel and concrete, plain foundation, East 69th St. and Euclid Ave., to G. A. Rutherford Co., 2725 Prospect Ave., $150,000.

O., Dayton—Theatre and Office—B. F. Keith Theatrical Assn., 1564 Bway., New York, 5 story, 165 x 200 ft., brick, steel and concrete, 1st and Main Sts., here, to W. N. Sutherland Bldg. & Contg. Co., Syndicate Trust Bldg., St. Louis, Mo., $800,000. Noted April 28.

O., Niles—Theater and Office—Simons, Brittain & English, archts., Magee Bldg., Pittsburgh, 2 story, 53 x 175 ft., brick, here, to Vasconi Bros., Sharon, Pa., for McKinley Theater Co. $150,000. Noted Aug. 18.

O., Oberlin—High School—Bd. Educ., general contract 2 story, 75 x 180 ft., brick, steel and concrete, plain foundation, to Willing Bros., Bellevue, $214,680; heating work, to Cary-Hall-Allen Co., Defiance, $6,590. Noted Sept. 29.

O., Zanesville—Y. M. C. A., 4 story, 40 x 142 ft., rein.-con. and brick, 5th and Locust Sts., to Taylor & Linn, 5th and Main Sts., $230,000.

Ill., Blue Island—Temple—Masonic Temple Assn., Calumet Lodge 716, 423 Western Ave., Chicago, 4 story, brick, rein.-con. and steel, here, to P. Olson 19 South La Salle St., Chicago, $150,000. Noted Sept. 29.

Ill., Chicago—Apartment—C. Rigler, 154 West Randolph St., 3 story, 100 x 173 ft., rein.-con. brick and steel, 1374-82 Greenleaf Ave., to J. Anderson & Son, 5723 Winthrop Ave., $150,000. Noted Oct. 20.

Ill., Chicago—Bank—Illinois Merchants Trust Co., 112 West Adams St., 21 story, 178 x 323 ft., brick, stone, steel and tile, Jackson, Clark, La Salle and Congress Sts., foundation and all masonry to H. Ericsson Co., 139 North Clark St. Total $9,000,000. Noted Sept. 8.

Ill., Cicero—Library—Lutheran Liberty Hall Corp., c/o H. E. Stevens, archt., 4231 Monroe St., Chicago, 2 story, rein.-con., brick and stone here, to H. P. Kukotz, 3404 South Union Ave., Chicago, $150,000. Noted Oct. 20.

Ill., Decatur—Apartment—Stock company, c/o C. C. Caldwell, 155 Oakdale Rd., will build 3 story, 34 x 126 ft., rein.-con., brick and steel, by day labor under supervision of L. S. Baker, archt., 1026 Macon Ave. $150,000. Noted Sept. 22.

Ill., Moline—Theatre—F. L. Cornwall, La Salle Bldg., St. Louis, Mo., 1 story, 69 x 150 ft., rein.-con., brick and stone, here, by day labor under supervision B. Cornwall, supt. $200,000. Noted Oct. 6.

Wis., Fond du Lac—Apartment—Immel Constr. Co., 200 North Main St., 3 story, 80 x 132 ft., brick and concrete, plain foundation, Forest Ave., by day labor. Cost between $125,000 and $150,000.

Wis., Milwaukee — Apartments — The Raulf Co., 428 Grand Ave., two 3 story, brick and concrete, plain foundations, Summit Ave., by day labor. M. Tullgren & Sons, 425 East Water St., archts.

Wis., Milwaukee—Business—Metropolitan Investment Co., 3d and State Sts., 4 story, mill construction, 3d St., to S. J. Brockman, 444 Milwaukee St., cost between $125,000 and $150,000.

Wis., Milwaukee — Commercial — Home Real Estate & Investment Co., 216 West Water St., 2 story, 50 x 100 ft., brick and concrete, plain foundation, West Water St., to J. L. Stanage, 3216 Vliet St., $150,000.

Wis., Milwaukee — Dental — Marquette University, 1115 Grand Ave., 4 story, 80 x 98 x 180 ft., brick and concrete, plain foundation, 16th and Grand Aves., to W. W. Oeflein, 86 Michigan St., $350,000. Noted July 28.

Wis., Milwaukee—Theater and Recreation—Teutonia Ave. Realty Co., 1110 Teutonia Ave., 2 story, 85 x 200 ft., brick and concrete, plain foundation, to Grether Constr. Co., 1121 2d St., $200,000. Noted Sept. 22.

S. D., Sioux Falls—High School—Bd. Educ. (first unit), 4 story, 78 x 178 ft., rein.-con., brick, tile and stone, 12th St. between Main and Dakota Aves., to Carlson & Snitkey, Sioux Falls, $252,000. Noted Sept. 29.

Cal., Pasadena — Hospital — Pasadena Hospital Assn., Congress St., near Pasadena St., 4 story, 100 x 120 ft., rein.-con., to W. Crowell, Chamber Commerce Bldg, $175,000. Noted May 19.

Federal Government Work

PROPOSED WORK

Mass., North Truro—Repairs—Spec. 4532—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans repairs to radio quarters, here.

N. Y., Amagansett—Radio Quarters—Spec. 4536—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans radio quarters, here.

Md., Annapolis — Deferrization Plant — Spec. 4539—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans deferrization plant, here.

D. C., Anacostia—Quarters, etc.—War Dept., c/o Constr. Quartermaster, plans additional temporary quarters and improvements, Bolling Field, here.

D. C., Bellevue—Chimney—Spec. 4534—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans chimney, here.

Va., Norfolk—Repairs—Spec. 4535—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans repairs to Marine Barracks 2, here.

Ga., Camp Benning—Buildings—War Dept., c/o Constr. Quartermaster, plans sales room, butcher shop and green grocery here.

Ky., Camp Knox—Quarters—War Dept., c/o Constr. Quartermaster, plans to convert cantonment buildings into married officers quarters.

Federal Government Work (Continued)

Ill., Chanute Field—Heating Plant—War Dept., c/o Constr. Quartermaster, plans extension to heating plant, here.

Kan., Ft. Leavenworth—Alterations to Hospital—War Dept., c/o Constr. Quartermaster, plans altering station hospital to provide officers ward.

Tex., Ft. Bliss—Quarters—War Dept., c/o Constr. Quartermaster, plans 1 set field officers quarters, at Wm. Beaumont Hospital, here.

Wash., Keyport—Tower—Spec. 4538—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 200 ft. radio tower, here.

Cal., Eureka—Tower—Spec. 4533—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 300 ft. radio tower, here.

Cal., Presidio—Storehouse—War Dept., c/o Constr. Quartermaster, plans storehouse, fireproof construction, at Letterman General Hospital, here.

H. T., Schofield—Hospital—War Dept., c/o Constr. Quartermaster, plans hospital at barracks here.

P. I., Ft. Mills—Storage Facilities—War Dept., c/o Constr. Quartermaster, plans storage facilities.

BIDS DESIRED

Vt., Vergennes—Monument—Nov. 22, U. S. Engineer, Room 710, Army Bldg., New York, monument, here; adv. this issue.

Mass., Boston—Dredging—Nov. 10, by U. S. Engineer, dredging Weymouth Fore River; adv. this issue.

Mass., Rutland—Buildings—Nov. 22, by Treas. Dept., Wash., D. C., construction and mechanical equipment, for extensions to administration building, construction semi-ambulant quarters attendants quarters, laundry and garage, U. S. Pub. Health Serv. Hospital, here. J. A. Wetmore, acting superv. archt.

N. Y., Buffalo—Removal of Wreck—Nov. 1, U. S. Engineer, removal of wreck of barge from Black Rock Canal, here; adv. this issue.

N. Y., Charlotte—Removal of Wreck—Nov. 1, U. S. Engineer, Buffalo, removal of wrecked steamer from Lake Ontario, near Charlotte Harbor; adv. this issue.

Pa., Phila.—Wiring System—Nov. 9, Treas. Dept., Wash., D. C., new conduit and wiring system at U. S. Post Office and Court House, here. J. A. Wetmore, acting superv. archt.

Md., Baltimore—Mezzanine Floor—Nov. 7, Treas. Dept., Wash., D. C., mezzanine floor in U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

Tenn., Memphis—Boilers—Nov. 16, by U. S. Engineer, Mississippi River Dredging Dist., P. O. Box 1017, watertube boilers; adv. this issue.

O., Cincinnati—Lock Gates—Nov. 18, U. S. Engineer, 2d Dist., lock gates for Locks 30 and 32, Ohio River; adv. this issue.

Wyo., Sheridan—Sterilizing Equipment—Nov. 15, by Treas. Dept., Wash., D. C., equipment, for U. S. Pub. Health Serv. Hospital, Ft. Mackenzie here. J. A. Wetmore, acting superv. archt.

Ark., Ft. Logan H. Root—Kitchen and Mess Hall—Nov. 10, Treas. Dept., Wash., D. C., kitchen and mess hall at U. S. Pub. Health Serv. Hospital, here. J. A. Wetmore, acting superv. archt.

Ariz., Prescott—Mechanical Equipment—Nov. 16, Treas. Dept., Wash., D. C., mechanical equipment for 2 semi-ambulant quarters, 4 double quarters for officers, 1 double quarters for first class personnel, 1 quarters for married attendants; kitchen equipment and refrigerating apparatus for ambulant patients mess, refrigerating apparatus for general mess laundry equipment, boilers for outside sevice, etc., at U. S. Pub. Health Serv. Hospital 50, Whipple Barracks, here. J. A. Wetmore, acting superv. archt. Noted Oct. 13.

Wash., Walla Walla—Buildings—Nov. 21, Treas. Dept., Wash., D. C., construction (exclusive of mechanical equipment) 1 semi-ambulant quarters, 1 ambulant quarters, boiler house and laundry, for U. S. Pub. Health Serv. Hospital, here. J. A. Wetmore, acting superv. archt. Noted Aug. 11.

BIDS RECEIVED

Ill., Chicago—Fire Protection System—Treas. Dept., Wash., D. C., extension to fire protection system, U. S. Pub Health Serv. Hospital, Broadview, here, from C. J. Stein, 166 East Grand Ave., $8,494; D. Harden, 3139 Indiana Ave., $8,900. Noted Oct. 13.

Ill., Chicago—Recreation Building—Treas. Dept., Wash., D. C., complete including mechanical equipment, at U. S. Pub. Health Serv. Hospital, here, from King Lumber Co, Charlottesville, Va., $89,568; C. B. Johnston Co., Chicago, $96,240; A. Miller, Chicago, $96,379. Noted Sept. 29.

La., Alexandria—Refrigerating Plant—Treas. Dept., Wash., D. C., refrigerating plant in kitchen and mess hall U. S. Pub. Health Serv. Hospital, here, from York Mfg. Co., York, Pa., $15,295 (75 days); Rentz Eng. Co. and Machine Wks., Inc., New Orleans, $20,070 (75 days); Amer. Carbonic Machy. Co., Wisconsin Rapids, Wis., $22,300 (80 days). Noted Oct. 6.

Ia., Sioux City—Mailing Vestibule—Treas. Dept., Wash., D. C., mailing vestibule in U. S. Post Office, here, from Garber & Cissel, Bethlehem, Pa., $20,000; W. A. Klinger, Sioux City, $20,845; W. MacDonald Constr. Co., Odd Fellows Bldg., St. Louis, Mo., $21,736. Noted Sept. 29.

CONTRACTS AWARDED

Tenn., Memphis—Plumbing System—Dist. Engineer, Mississippi River Dist., plumbing system in warehouse building, U. S. Dredge Depot, here, to J. U. Hull Plumbing & Heating Co., 239 South Bellevue St., 14,311. Noted Sept. 22.

Ill., Chicago—Roads and Walks—Treas. Dept., Wash., D. C., roads and walks, at U. S. Pub. Health Serv. Hospital, Broadview, here, to Warner Constr. Co., 106 North La Salle St., $89,584. Noted Oct. 20.

Ill., Chicago—Sprinkler System etc.—Treas. Dept., Wash., D. C., sprinkler system in U. S. Pub. Health Serv. Hospital, Broadview, here, to C. J. Stein, 166 East Grand Ave., $17,966.

Ark., Little Rock—Repairing Dikes—U. S. Engineer, repairing dikes near here, to Miller-Butterworth Co., South Trust Bldg., $8,125.

Miscellaneous

PROPOSED WORK

Swimming Pool — Brocton, Mass. — Sprague Neighborhood Center, c/o W. Hatch, Kennedy Bldg., having plans prepared by W. F. Jackson, archt., 231 Main St., concrete and tile swimming pool and building to house same $30,000.

Binder Stone, etc.—New York, N. Y.—H. Bruckner, pres. Bronx Boro., Municipal Bldg., opened bids Oct. 24, furnishing and delivering (1) 2,000 cu.yd. binder stone, (2) 300 ton asphaltic cement, (3) 300 ton limestone dust or other suitable inorganic dust, from Calvin Tompkins Co., 30 Church St., (1) $1.83 per cu.yd., total $3,660; New York Trap Rock Corp., 101 Park Ave., (1) $2.20, $4,400, (3) $8.85, $2,655; Lanigan Bros., Bronx River and 165th St., (1) $3.25, $6,500; Standard Oil Co. of New York, 26 Bway., (2) $33.50, $10,050; Barrett Co., 17 Battery Pl., (3) $40.80, $12,240; F. Meyer & Co., 25 Church St., (3) $8, $2,400; Soper Whitman Co., (3) $9.25, $2,775. Noted Oct. 20.

Pier—Coney Island (Brooklyn P. O.) **N. Y.**—Dept. Docks & Ferries, Pier "A," North River, New York, plans recreation pier, here, 1,700,000 cu.yd. sand fill, 5,120,000 ft. B.M. timber, 110,000 ton rock and 4,000 rein.-con. piles.

Docks and Terminal—Camden, N. J.—Phila. & Reading R.R., Reading Terminal, Phila., having preliminary plans prepared by M. Baker, archt., Reading Terminal, Phila., 2 story, docks and terminal, rein.-con. and steel, concrete pile and wood pile foundation, Kaighns Ave., for railroad and ferries. $2,000,000.

Underground Cable — Trenton, N. J.—Trenton & Mercer Co. Traction Co., 510-517 Amer. Mechanic Bldg., plans underground cable in Lincoln Ave. $25,000.

Derrick—Phila., Pa.—Baldwin Locomotive Co., Broad and Spring Garden Sts., receiving bids traveling derrick, 50 ton.

Steel—Phila., Pa.—Reading R.R., Reading Terminal receiving bids 500 ton structural steel for drawbridge in Atlantic City, N. J.

Equipment—Richmond, Va.—J. G. Skelton, Railway & Power Bldg., receiving bids furnishing six 36 in. gauge 11 x 16 in. cylinder, Vulcan or Porter saddletank locomotives, A. S. M. E. boilers.

Elimination of Grade Crossings—Dayton, O. — Plans approved raising Miami River Bridge 2 ft. and eliminating 17 crossings of Pennsylvania System, 20 crossings of Baltimore & Ohio R.R., 3 crossings of Cleveland, Cincinnati, Chicago & St. Louis R.R., 5 crossings of Cincinnati, Lebanon & North Ry., 5 crossings of Detroit, Toledo & Ironton R.R. $23,250,000. Forty per cent of cost to be borne by city and balance by above mentioned railroads. G. Baker, city engr. Noted Jan. 27.

Ditch Digging Machine — Brownwood, Tex.—Receiving bids ditch digging machine, new or second hand, or contractors to furnish machine and dig ditches. E. W. Hall, chn. Sewer Comn., adv. this issue. e

Hydro Electric System—Watford, Ont.—Warwick Twp. plans hydro electric lighting and power distribution system. $50,000. Address N. Herbert, Watford.

BIDS DESIRED

Refined Asphalt—Brooklyn N. Y.—Nov. 2, by E. Riegelmann, boro pres., Boro Hall, furnishing and delivering 140,000 gal. refined asphalt liquid form to Municipal Asphalt Plant, 7th St. Basin, Gowanus Canal.

Grader—Watertown, S. D.—Nov. 1, by F. Bannister, aud. Codington Co., one 8-ft. blade grader.

BIDS RECEIVED

Parkway and Sea Wall—Winthrop, Mass.—State Metropolitan Park Comn., 18 Tremont St., Boston, 3,000 ft. parkway and sea wall, (1) concrete, (2) concrete with masonry face, from D'Onfro Bros., 700 Main St., Leominster, (1) $241,053; J. W. Duff, Inc., 146 Summer St., Boston, (1) $245,585, (2) $281,557; J. F. White, 43 Calvin St., Boston, (1) $247,553, (2) $281,653; A. G. Tomasello, 68 Devonshire St., Boston, (2) $265,148.

Oil Tank Wagons—Phila., Pa.—For fuel oil tank wagons, from Good Rds. Mchy. Co., Inc., Land Title Bldg., $485. Noted Oct. 13.

Piling and Lumber—New Orleans, La.—For (1) creosoted piling, (2) creosoted materials, from Colonial Creosoted Co., Bolagula (1) $34,175, (2) $21,331; Gulfport Creosoted Co., Gulfport, Miss., (1) $35,581; Creosoted Gulf Materials Co., Gulfport, Miss., (1) $36,298, (2) $20,966; Creosoted Timber Co., Hattiesburg, Miss., (2) $20,815.

Incinerator — Montreal, Que. — For incinerator plant from Atlas Constr. Co., 37 Belmont St., $256,600. Harris Generator Co., Nashville, Tenn., cost plus percentage basis. Noted Sept. 29.

CONTRACTS AWARDED

Dock Wall, etc.—Buffalo, N. Y.—Pub. Wks. Comn., Municipal Bldg., dock wall Sect. 2 from Jersey to Maryland Sts. to Great Lakes Dredge & Dock Co., Morgan Bldg., $149,500; dock wall and channel improvement in Buffalo River west of Ohio St. Bridge, to Cleveland Eng. & Constr. Co., 778 The Arcade, Cleveland, $112,000. Noted Oct. 20.

N. Y., New York—G. A. Whalen, comr. Plant & Structures, Municipal Bldg., Vehicular roadway on easterly upper deck of Manhattan Bridge, to Vulcan Rail & Constr. Co., Grand St., Brooklyn, $259,600. Noted Oct. 20.

Inorganic Dust—New York, N. Y.—H. H. Curran, pres. Manhattan Boro, Municipal Bldg., furnishing and delivering 1,500 ton inorganic dust, to E. Myer & Co., 25 Church St., $11,145. Noted Oct. 13.

Stadium—Canton, O.—Concrete stadium, seating capacity 2,700, 14th and Oxford Sts., N. W., to Melbourne Bros. Co., 121 Clark Bldg., $23,152.

Tract Development—Osborn, O.—Osborn Removal Co. moving entire town of 200 buildings to new site 1½ mi. south of here, to Sheeler & Sons Co., Grand Theater Bldg., Columbus, $125,000. Noted Nov. 18.

Garbage Incinerator—Duluth, Minn.—For 2 story, 50 x 60 ft. concrete and brick incinerator plant, 12th Ave. W. and waterfront, to Nye Odorless Crematory Co., Macon, Ga., $41,500. Noted Sept. 8.

Tunnel—Seattle, Wash.—Bd. Pub. Wks., tunnel for George Creek Plant of Skagit River Development, to R. C. Storrie & Co., Crocker Bldg., San Francisco, $2,203,865. Unit bids may be obtained by writing Engineering News-Record. Noted Oct. 20.

OFFICIAL PROPOSALS

Bids: Nov. 2.

Sewer Construction

Monroe, La.

Sealed bids will be received by the City Council of the City of Monroe, Louisiana, up to eleven (11) o'clock, a.m., Wednesday, Nov. 2, 1921, for the construction of sanitary and storm sewers, according to plans and specifications now on file in the office of R. S. Reynolds, City Engineer.

Bids will be received on the work as a whole, or separately, under the following subdivisions:

(A)—General contract for sanitary sewers.
(B)—General contract for storm sewers.
(C)—Furnishing castings.
(D)—Furnishing concrete pipe.
(E)—Constructions of pumping stations.

The work includes about twenty-six (26) miles of 8 inch laterials and about six (6) miles of trunk sewer from 10 inch to 36 inch, in the sanitary system, and about one and one-half (1½) miles of storm sewers, 24 inches to 78 inches in diameter, together with all man-holes, flush-tanks, inlets, etc.

Plans and specifications may be secured from the office of the City Engineer, upon the deposit of $15.00 to secure the return of same in good condition.

Each bid must be accompanied by certified check in the amount of five per cent (5%) of the amount of the bid to guarantee good faith of bidder and the execution of contract and bond, which deposit will be returned to all unsuccessful bidders upon rejection of their bids and to the successful bidder when contract and bond are properly executed.

The right is reserved to the City of Monroe to reject any and all bids.

All bids shall be addressed to the undersigned.

P. A. POAG.
Secretary, City of Monroe, Louisiana.

Bids: Nov. 1

Tunnel Construction

River Rouge, Mich.

Sealed proposals for the construction of a tunnel under River Rouge at Jefferson Avenue, Village of River Rouge, Wayne County, Mich., will be received by the Village of River Rouge, Michigan, at the office of the undersigned George Jerome, Village Engineer, 1329-31-32 Majestic Building, Detroit, Michigan, up to and including Tuesday, November 1st, 1921, at six o'clock p.m. Which bids will be publicly opened by the Council of the Village of River Rouge, Mich., at the Municipal Building, No. 9 South Dearborn Avenue, at eight o'clock p.m. on November 1st, 1921.

The tunnel will be 13 feet, inside diameter; 350 feet long.

Its average depth below water level will be about 50 feet.

The work will also include the construction of the vertical shafts at each end of the tunnel and the laying of certain water mains through the tunnel, etc.

Plans, specifications, forms of proposals, etc., can be secured at the Village Engineer's office as above stated upon depositing the sum of Five Dollars.

A certified check in the amount of $7,000.00, made payable to the Treasurer of the Village of River Rouge, must accompany each bid. The right to reject any and all bids is expressly reserved by the Village, also to waive any formal defects in the bids when deemed for the best interest of the Village.

GEORGE JEROME,
Village Engineer.
1329-31-32 Majestic Bldg.
Detroit, Mich.

Dated October 4th, 1921.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

Official Proposals reaching our office in first mail Tuesday morning (10 o'clock) can usually be published in the issue out the following Thursday. Special price for Official Proposals, 40 cents a line.

Bids: Nov. 9.

Bridge Construction

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the following:

Two steel I-beam trolley bridges at Bridge 3, M. P. 8.2-W and Bridge 4, M. P. 7.1-W, 17'0" and 17'4" spans; 5'0" wide with concrete abutments and wing walls, steel I-beam frames to support single line of trolley tracks; on Route No. 12, Section 4, near Washington, Franklin Township, Warren County.

Bids for the above will be received at the office of the State Highway Commission, Broad St. Bank Building, Trenton, N. J., on Wednesday, November 9th, 1921, at 11:00 a.m. and opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, N. J., and office of Charles A. Mead, Bridge Engineer, 790 Broad St., Newark, N. J., and may be inspected by prospective bidders. Plans will be furnished on deposit of ten ($10.00) dollars for these bridges upon application to Charles A. Mead, Bridge Engineer, 790 Broad St., Newark. Bids must be made on the standard proposal forms in the manner designated therein and as required by the 1921 specifications, same to be enclosed in sealed special addressed envelopes bearing the name and address of bidder and the number of the bridge on the outside, and must be accompanied by a certified check drawn to the order of the State Treasurer for not less than ten (10%) per cent of the amount of the bid, provided that said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelopes will be furnished upon application to Charles A. Mead, Bridge Engineer, 790 Broad St., Newark, N. J. Bids not enclosed in special envelope will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authoried to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

By order of the State Highway Commission.

A. LEE GROVER,
Chief Clerk.

Bids: Nov. 11.

Coal and Ash Handling Equipment

Milwaukee, Wis

Sealed proposals for furnishing and erecting a building to be erected on Jones Island, City of Milwaukee, coal and ash handling machinery and equipment, will be received by the Sewerage Commission of said City at its offices in the City Hall until 1:30 o'clock p.m., Nov. 11, 1921, at which time and place during the session of the said Commission, the proposals will be publicly opened and read.

The work to be done includes the following:

Coal and Ash Handling Machinery consisting of Track Hopper Equipment, Crusher, Elevator, Conveyors, Skip Hoist, Motors and Controllers, Storage Bins, Spouts, Automatic Scales, Ash Cars and Track, and appurtenances complete.

The time allowed for the completion of this contract shall be twelve (12) months from the date of the Chief Engineer's notice to begin work.

The liquidated damages for not completing the work within the time specified shall, for each day in excess therof, be twenty-five ($25.00) dollars.

Each proposal submitted must be accompanied by a cash deposit or, in lieu thereof, by a certified check drawn upon a National or State Bank or Trust Company located in the City of Milwaukee, and to the order of the "Sewerage Commission of the City of Milwaukee" to the amount of two per cent of the proposal made.

Specifications and blank forms of proposal can be obtained and detailed plans examined at the office of the Sewerage Commission in the City Hall.

The Sewerage Commission of the City of Milwaukee reserves the right to reject any and all bids submitted, or to accept any bid should the Commission deem it to the interests of the City so to do.

JOHN H. FOWLES,
Secretary.

Countersigned:
LOUIS M. KOTECKI,
Comptroller.

Bids: Nov. 16.

Two Arch Bridges

Little Rock, Ark.

Sealed proposals will be received up to 2:30 p.m., of Wednesday, Nov. 16, 1921, by the Commissioners of the Broadway-Main Street Bridge District, at their office in the Moore & Turner Building, in the City of Little Rock, Arkansas, for the construction of the superstructures two reinforced concrete arch bridges across the Arkansas River. All of the substructure work except that for the approaches, has been completed for the two bridges. One of these bridges will be located at Main Street, and the other at Broadway Street, in the City of Little Rock, Arkansas. All bids will be opened in public at place and hour named.

Bids may be submitted either on a lump sum basis or upon a cost plus fee basis.

All bids are to be placed in envelopes, sealed and then marked thereon, "Proposal for Broadway-Main Street Bridges."

The Commissioners reserve the right to reject any or all bids.

The Contractor will be paid in cash upon Engineer's estimate, approved by the Board, as the work progresses.

Each bid is to be accompanied by a certified check made payable to the Broadway-Main Street Bridge District on some responsible bank for a sum equal to two and one-half per cent of the amount of the bid or bids.

For further information, instructions to bidders, plans specifications and forms for proposals, address:

GEORGE W. DONAGHEY, Chairman,
JUSTIN MATTHEWS, Secretary.
Broadway-Main Street Bridge,
District of Little Rock,
Pulaski County, Ark.